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MINISTRY OF THE ENVIRONMENT
AIR RESOURCES BRANCH - ARSP SECTION
MONITORING AND INSTRUMENTATION DEVELOPMENT UNIT


SARNIA OXIDANT STUDY - JUNE AND JULY, 1984

CONTINUOUSLY MONITORED AMBIENT AIR DATA

MOBILE AIR MONITORING UNIT #1 AT CAMLACHIE
AND
MOBILE AIR MONITORING UNITS #2 AND #3 AT COURTRIGHT

880 Bay Street
Toronto, Ontario

ARB-021-85-ARSP
December, 1984

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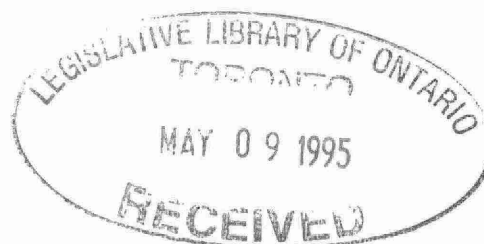


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MOBILE AIR MONITORING UNIT #1 AT CAMLACHIE

Mobile Air Monitoring Unit #1 (MAMU #1) was positioned at the Canadian Coast Guard Radio Communications site located approximately 3 km west of Camlachie and noted by the Universal Transverse Mercator grid co-ordinates: 40338-476445. Camlachie is a small agricultural town located approximately 20 km east of Sarnia and 3 km south of Lake Huron (see Figure 1).

The Camlachie Coast Guard site is owned by the Federal Government of Canada and is an automatic radio station that is used to co-ordinate marine traffic on the Great Lakes and nearby waterways. The Federal Government maintains three radio towers at this site and all of the electronics are kept in a brick building at the base of the largest tower. Approximately 50 metres north of this building is a two-car garage.

Upon arrival at this site, the garage was given a thorough cleaning and storage facilities for all the gases and spare electronics needed for this survey were arranged. The ozone precursor (from the Environmental Protection Agency - USA) and the upper-air minisonde/theodolite programmes were based in this building. For a description of the ozone precursor monitor, see Belaner and Ortman (1984).

Mobile Air Monitoring Unit #1 set up on the U-shape road interconnecting the main building and the garage and was located approximately 35 metres east of the garage and 55 metres north of the main building. Ontario Hydro supplied power to the MAMU#1 and the unit was brought on line June 21.

MAMU #1 gathered real-time, five minute average concentration values, ambient air data for carbon monoxide, total hydrocarbons and the methane component, sulphur dioxide, oxides of nitrogen and ozone.

MAMU #1 also acquired data from the ozone precursor instrument which was scanned/cycled every fifteen minutes. The gathering of this aforementioned data was essentially continuous and carried on throughout this survey. In addition, the specific analysis for hydrocarbons was also carried by an on-board dual-column gas chromatograph. This gas chromatograph analyzed 34 samples collected during the concurrent airplane survey (ARB-019-85-ARSP) (although 37 were submitted, 2 were found to be contaminated before analysis) of the air aloft, 65 one-hour samples of the air at ground level at Camlachie and 4 grab samples from the Vidal Street area of Sarnia. It should be stated that all samples continuously acquired by MAMU #1, including the 65 GC samples, were acquired through an inlet sampling port located 5 metres above ground level and that the sampling system was a dynamic system with inherent turbulent mixing. MAMU #1 also acquired, on a continuous basis throughout the entire survey, data on a complete range of meteorological parameters such as solar radiation, humidity, temperature, barometric pressure (at MSL) and wind speed and direction (from atop a 10 metre tower).

The lower 2 km of the atmosphere was interrogated for temperature and winds by a stand-alone dual theodolite/minisonde programme. Approximately 66 soundings were carried out over this survey period. The double theodolite baselines were established and were approximately 300 metres apart for these soundings.

Ambient air monitoring was carried out at this site between June 21, 1984 at 1010 hrs EDT and July 18, 1984 at 1345 hrs EDT. From the 651.8 hours comprising this survey period, 594.2 hours of data (or 91% of the time) were acquired. The remaining 9% of the time was lost due to power failures, instrument calibrations and instrument modifications.

NOTE: The gas chromatographic and minisonde data are not presented in this section of the report due to the voluminous nature of the data. Instead, they are presented in separate reports (see Reports ARB-022-85-ARSP and ARB-023-85-AQM).

MOBILE AIR MONITORING UNITS #2 AND #3 AT COURTRIGHT

The Courtright site utilized for this survey was a permanent Ministry of the Environment air monitoring site located approximately 20 km south of Sarnia and at the southern edge of the refinery installations (see Figure 1). This site is on the east side of the St. Clair River as noted by the Universal Transverse Mercator grid co-ordinates 37925-473945 and has an elevation of 177 metres above mean sea level. The MAMU's were parked near the centre of the flat triangular-shaped enclosure (100 metres per side) comprising this installation. This site was approximately 600 metres north of a marine terminal operated by Ontario Hydro to supply its' Lambton electrical power generating station. In addition to the Ontario Hydro facilities as a potential source of sulfur dioxide, nitrogen oxides (NO_x) and hydrocarbons, there were two other nearby power generating stations on the U.S. side (west side) of the St. Clair River and a high frequency of lake freighter traffic on this river. Shoreline power was supplied by Ontario Hydro, thus the MAMU generator emissions were never a factor during this survey.

The MAMU's were positioned on opposite sides of the 15 foot square building which houses the fixed air monitoring station operated by MOE. MAMU #2 gathered five-minute average ambient air data for carbon monoxide, total reduced sulphur, total hydrocarbons and the methane component, sulphur dioxide, oxides of nitrogen, ozone, wind speed and direction at the 10 metre level, temperature, barometric pressure, relative humidity and solar radiation.

Additional data were gathered by the data acquisition system of MAMU #2 from an ozone precursor monitor located in a 15 foot trailer at this site and from meteorological instruments for wind speed/direction and temperature located at the 100 metre level on the permanent MOE tower.

MAMU #2 started gathering data from June 23 to July 19 and although 621 hours comprised this time period, 596 hours (or 96% of the time) of data were accumulated.

The Trace Atmospheric Gas Analyzer (TAGA) in MAMU #3 also gathered data for this same time period, however its' main time frame of interest was when the aircraft was flying in its' prescribed routes. The objective of the MAMU #3 (TAGA) monitoring programme was to acquire ambient air data for a pre-selected number of oxygenated organic compounds which were not currently observable by the gas chromatographic techniques of MAMU #1 and #2. Compounds monitored by the TAGA were all low molecular weight aldehydes, ketones, acetates and alcohols (in all 16 different compounds).

The presented MAMU #3 data are grouped according to chemical class and monitoring period. All concentration readings represent the mean of 181 instantaneous measurements acquired over a half-hour time period. These tables also include the meteorological measurements and detection limits for each target compound.

Unlike other ambient air surveys involving well defined source(s), the Sarnia Oxidant Study involved general ambient air quality investigation and thus absolute confirmation of the target compounds was not possible. It follows, that all TAGA concentration data represents the maximum levels or upper limits, since it is likely that, interferences, i.e. chemicals with the same molecular weight (nominal) as the target compound, may have been co-sampled.

Overall, the ambient concentration levels for the oxygenated organics were low, often less than the detection limits.

THE INSTRUMENTATION OF MOBILE AIR MONITORING UNITS

The instrumentation in MAMU's #1 and 2 is shown in Tables 1 and 2.

Unlike MAMU #1 and #2, which house a wide variety of analytical instruments, MAMU #3 contains only one ... a Trace Atmospheric Gas Analyzer ("TAGA 3000").

The TAGA 3000 is a quadrupole mass spectrometer with an atmospheric pressure chemical ionization (APCI) front end that is capable of detecting and quantifying a large number of organic and inorganic compounds in real-time at the nanogram (ng) per cubic metre and lower concentration level. Complete control of the TAGA 3000 is accomplished by an on-board computer system with a 28 mega-byte disc storage capability and a CRT graphics terminal. The mass spectrometer data are permanently recorded on a double density floppy disc and Winchester system and can be instantly printed on a hard-copy thermoflax system. In addition, the data can also be transferred to a larger computer system, located at head office, where it can undergo a more detailed statistical evaluation and finally archived for future reference and presentation.

The common contaminants detected and quantified by the TAGA 3000 constitute a large range of chemical classes, namely: alcohols, amines, aldehydes, ketones, esters, acids, phenols, sulphides, mercaptans, aromatic hydrocarbons, etc.

INSTRUMENT CALIBRATIONS FOR MOBILE AIR MONITORING UNITS

During this oxidant study, the integrity and validity of the ozone, oxides of nitrogen and sulphur dioxide analyzers were of primary importance. Owing to this fact, the scientists from the Instrumentation Unit of the Air Resources Branch performed audits on these analyzers at the beginning, middle and end of the survey period. In addition, they cross-checked the appropriate sources of the ozone precursors monitors.

Furthermore, since the respective source strengths were known and calibrated, the entire instrument package of the MAMU's was zeroed and spanned every two or three days with the response factors referenced back to the original settings as set by the Instrumentation Unit.

With respect to the gas chromatographs; gaseous standards, prepared at the main lab in Toronto and transported to the site in heated

and agitated flasks, were injected every day. The response factors and retention times for the prepared, standard hydrocarbons were noted, stored and used in the subsequent analyses of the ambient air samples.

Prior to each monitoring period, the TAGA was also calibrated with its appropriate standards. In addition, all ambient air data was "background" corrected using UHP zero air. (This was to account for any chemical or electrical noise inherent in the ion source and signal handling electronics).

REFERENCES

Belanger, W.E. and G.C. Ortman (1984) "An Ozone Precursor Monitor for Analyzing the Ozone-Forming Potential of the Atmosphere", Atmos. Environment, 18, 1447-1452.

Report ARB-019-85-ARSP, "Sarnia Oxidant Study, June 27 - July 18, 1984: Report on the Airborne Measurements".

Report ARB-022-85-ARSP, "Sarnia Oxidant Study, June and July, 1984: Gas Chromatographic Data".

Report ARB-023-85-AQM, "Sarnia Oxidant Study, June and July, 1984: Meteorological Measurements and Synoptic Analysis".

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FIGURE # 1
SARNIA OXIDANT STUDY - June and July, 1984

MONITORING SITES

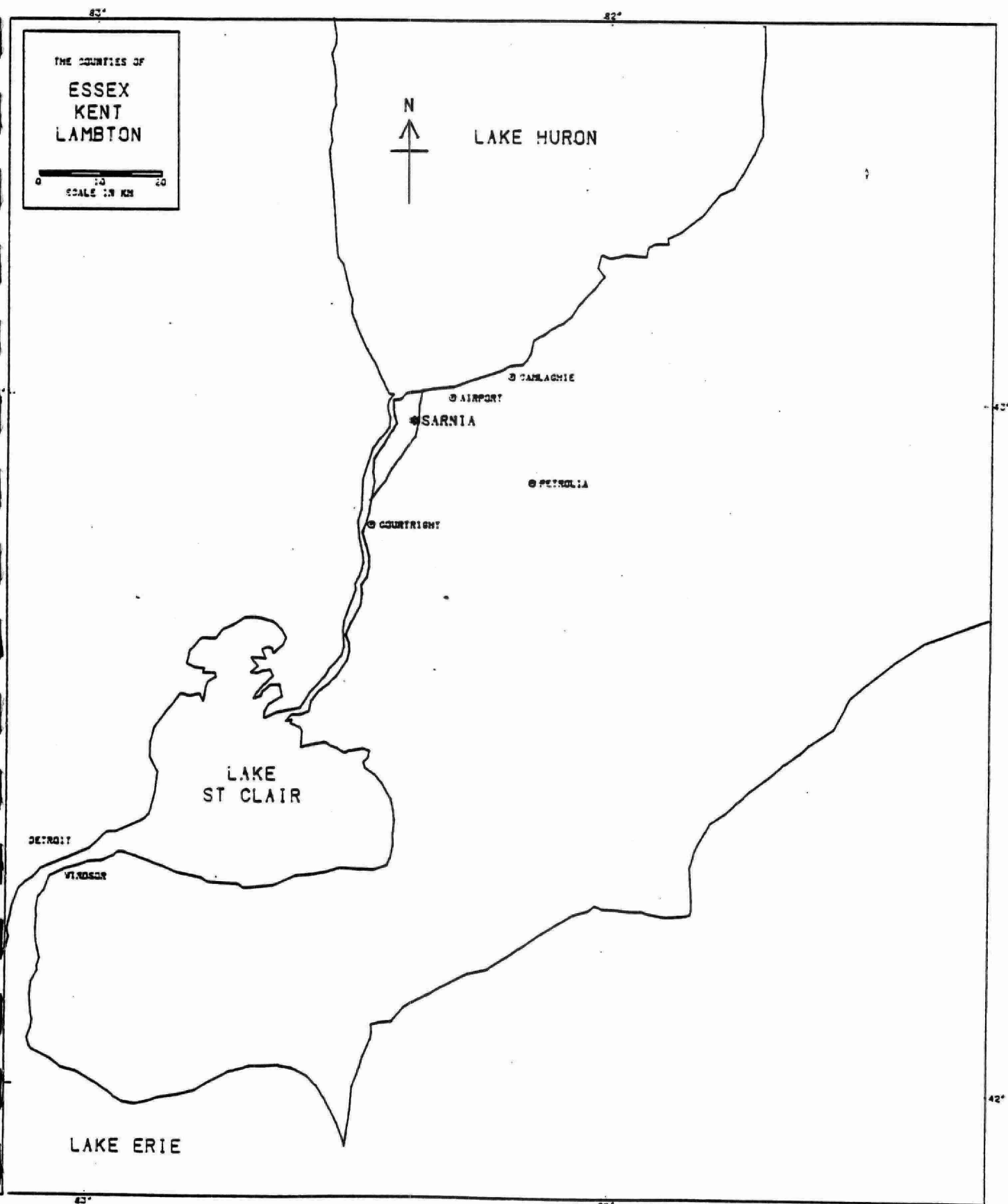


TABLE #1

THE INSTRUMENTATION OF MOBILE AIR MONITORING UNIT #1

Instrument	Manufacturer	Analytical Technique	Maximum (FS) Sensitivity
THC, CH ₄ , TH-M analyzer	Ingenieur-Produktions-Gruppe Munchen (IPM) RS-T	Dual flame ionization	50 ppm THC (as CH ₄)
H ₂ S, SO ₂ , NO _x sources	Hartmann & Braun Prufgasgenerator	N/A	N/A
H ₂ S/SO ₂ analyzer	Monitor Labs 8850 c/w ML 8770	Fluorescence	1.0 ppm SO ₂ 0.5 ppm H ₂ S
NO _x , NO ₂ , NO analyzer	Monitor Labs 8840	Chemi-Luminescence	1.0 ppm NO _x (as NO ₂)
CO analyzer	Thermo Electron P48	Gas Filter Correlation	100 ppm
O ₃ analyzer/ source	Dasibi 1003-AAS	UV Absorption	1.0 ppm
CO & THC sources	Matheson	Compressed Gas	N/A
Gas Chromatograph	HP 5880 Dual Capillary Column	Flame Ionization Det.	as set per calibrations

Meteorological Instrumentation

Instrument	Manufacturer	Scale
** Wind speed	Lambrecht GmbH	km/hr
** Wind direction	Lambrecht GmbH	degrees
Temperature	Weather Measure (WM) T621	degrees Celsius
Humidity	WM-HM-11P	absolute & %
Barometric pressure	WM-BM-10-B242	millibars
Solar Radiation	WM Star Pyranometer	milliwatts/cm ²

** These instruments are located on top of a 10 metre retractable tower

TABLE #2

THE INSTRUMENTATION OF MOBILE AIR MONITORING UNIT #2

Instrument	Manufacturer	Analytical Technique	Maximum (FS) Sensitivity
THC, CH ₄ , TH-M analyzer	Ingenieur-Produktions-Gruppe Munchen (IPM) RS-T	Dual flame ionization	50 ppm THC (as CH ₄)
H ₂ S, SO ₂ , NO _x sources	Hartmann & Braun Prufgasgenerator	N/A	N/A
H ₂ S analyzer	Monitor Labs 8850 c/w ML 8770	Fluorescence	0.5 ppm H ₂ S
SO ₂ analyzer	Hartmann & Braun Picoflux 2T	Conductometric	0.3 ppm SO ₂
NO _x , NO ₂ , NO analyzer	Monitor Labs 8840	Chemiluminescence	1.0 ppm NO _x (as NO ₂)
CO analyzer	Thermo Electron P48	Gas Filter Correlation	100 ppm
O ₃ analyzer/ source	Dasibi 1003-AAS	UV Absorption	1.0 ppm
CO & THC sources	Matheson	Compressed Gas	N/A
Gas Chromatograph	HP 5880 Dual Capillary Column	Flame Ionization Det.	as set per calibrations

Meteorological Instrumentation

Instrument	Manufacturer	Scale
** Wind speed	Lambrecht GmbH	km/hr
** Wind direction	Lambrecht GmbH	degrees
Temperature	Weather Measure (WM) T621	degrees Celsius
Humidity	WM-HM-11P	absolute & %
Barometric pressure	WM-BM70-B242	millibars
Solar Radiation	WM Star Pyranometer	milliwatts/cm ²

** These instruments are located on top of a 10 metre retractable tower

**TABULAR PRINT-OUTS OF THE ONE-HOUR AVERAGE POLLUTANT
CONCENTRATIONS AS ACQUIRED BY MAMU #1 AND
MAMU #2 ON A CONTINUOUS BASIS AT
CAMLACHIE AND COURTRIGHT**

The following statistical print-outs represent the data as acquired by MAMU #1 and MAMU #2 for the Sarnia 84 Survey and are presented in a linked/merged format. At Camlachie, the survey period lasted from June 21 to July 18 and although 652 hours are presented in this time interval, 594 hours (or 91% of the time) of data are presented in the statistical interpretation. At Courtright, the survey period lasted from June 23 to July 19 and once again, although 621 hours are presented in this time interval, 596 hours (or 96% of the time) of data are presented in the statistical interpretation.

These print-outs are one-hour average concentrations, reported every 30 minutes and are the pollutant concentrations, in parts per million (ppm) as monitored at the aforementioned sites and time periods. All times are local (Eastern Daylight) time.

The pollutants presented are carbon monoxide (CO), total hydrocarbons (THC), sulphur dioxide (SO₂), total reduced sulphur (TRS), non-methane hydrocarbons (Non-CH₄), methane, oxides of nitrogen (NO_x), nitrogen dioxide (NO₂), nitric oxide (NO), ozone (Ozone), ozone ambient (Ozone-A) from the precursor analyzer, ozone precursors (Ozone-P) from the precursor analyzer and ozone plus precursors (Ozone-T) from the precursor analyzer. Note that the Ozone-A measurement is basically the same as the ozone measured by the regular analyzer in the MAMU's, while Ozone-T is the sum of Ozone-A and Ozone-P.

The meteorological parameters are treated in the same statistical manner and are also included in these print-outs. The specific units appear on the last page of the printouts and apart from Temp-H, Wspd-H and

Wdir-H (temperature high, wind speed high and wind direction high ... all these readings were from the top of a 100 metre tower at Courtright), all these instruments were mounted on the MAMU's.

Upon examining the specific hourly averages, a few notations will become evident ... these are:

"-" Invalid data/not Calculated ... refers to data that has been edited out of the data set due to instrument malfunction, the instrument not set up in the approved acquisition mode, missing data (eg. calibrations, time loss due to power loss, etc.) or data that was not deemed to be indicative of the true environment at that particular monitoring site (eg. vehicular exhaust, etc.). All of this data was considered invalid and does not appear in any of the calculations.

"nd" Average is less than the minimal detectable limit for the particular analyzer. This is valid data and the average was then set to $\frac{1}{2}$ the minimal detectable level and used in the calculations. For each pollutant, each of the minimal detectable levels are noted on the last page of the print-outs.

"*" As each hourly average concentration is calculated and presented in these tables, the results are compared to the Ministry's Air Quality Criteria. If the averages are greater than these Criteria, they are noted by this asterisk. The Criteria for the monitored pollutants are also presented on the last page.

Since we are presenting one-hour average concentrations, 90% of valid data readings must be present in order for a valid average. In otherwords, since the scan time is 300 seconds, only one scan value can be omitted from the calculation of the one-hour average concentration.

6/1/13

SARNIA OXIDANT STUDY - June and July, 1984

CAMLACHIE AMBIENT AIR DATA.....tabulations of one-hour average concentrations

SARNIA_84 : 000A

Start: 84/06/21 10:10 Scan: 300 sec
 Average: 60.00 min Report: 30.00 min
 Loc: Camlachie Coast Guard site all acquired data

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
10:10-11:10	.4 -	1.15 -	nd -	- 26.8	- 45.	nd 1016.0	nd 6.	nd 137.	nd	-
10:40-11:40	.4 -	1.05 -	nd -	- 24.8	- 56.	nd 1016.0	nd 9.	nd 15.	nd	-
11:10-12:10	- -	- -	- -	- -	- -	- -	- -	- -	-	-
11:40-12:40	- -	- -	- -	- -	- -	- -	- -	- -	-	-
12:10-13:10	- -	- -	- -	- -	- -	- -	- -	- -	-	-
12:40-13:40	- -	- -	- -	- -	- -	- -	- -	- -	-	-
13:10-14:10	.4 -	1.13 -	nd .093	- 20.5	- 66.	nd 1014.8	nd 26.	nd 19.	.016	-
13:40-14:40	.4 -	1.14 -	nd .092	- 20.8	- 65.	nd 1014.4	nd 28.	nd 23.	.019	-
14:10-15:10	.4 -	1.15 -	nd .090	- 21.1	- 64.	nd 1014.1	nd 29.	nd 22.	.023	-
14:40-15:40	.4 -	1.16 -	.01 .086	.16 21.4	1.07 63.	nd 1014.0	nd 29.	nd 21.	.026	-
15:10-16:10	.5 -	1.16 -	.01 .081	.18 21.7	1.02 61.	nd 1014.0	nd 28.	nd 21.	.028	-
15:40-16:40	.5 -	1.17 -	.01 .075	.18 22.0	1.02 60.	nd 1014.0	nd 27.	nd 25.	.029	-
16:10-17:10	.5 -	1.20 -	.01 .068	.17 22.1	1.07 59.	nd 1013.8	nd 27.	nd 28.	.028	-
16:40-17:40	.4 -	1.20 -	.01 .060	.15 22.2	1.10 56.	nd 1013.4	nd 26.	nd 30.	.026	-
17:10-18:10	.4 -	1.18 -	.01 .052	.15 22.6	1.08 53.	nd 1013.0	nd 22.	nd 34.	.023	-
17:40-18:40	.4 -	1.18 -	.01 .040	.15 23.0	1.08 52.	nd 1012.9	nd 17.	nd 34.	.018	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
18:10-19:10	.4 -	1.21 -	.01 .031	.15 22.5	1.11 51.	nd 1012.4	nd 20.	nd 41.	.010	-
18:40-19:40	.5 -	1.22 -	nd .027	.14 21.3	1.13 53.	nd 1012.0	nd 25.	nd 49.	.009	-
19:10-20:10	.7 -	1.21 -	nd .015	.11 20.1	1.13 57.	nd 1012.0	nd 24.	nd 51.	.014	-
19:40-20:40	.9 -	1.20 -	nd .006	nd 19.1	1.14 62.	nd 1012.0	nd 21.	nd 50.	.017	-
20:10-21:10	1.3 -	1.21 -	nd .003	nd 18.1	1.15 68.	nd 1012.0	nd 14.	nd 42.	.017	-
20:40-21:40	1.2 -	1.25 -	nd .000	.11 17.0	1.17 76.	nd 1012.0	nd 7.	nd 32.	.010	-
21:10-22:10	1.5 -	1.29 -	nd .000	.14 16.3	1.18 81.	nd 1012.2	nd 4.	nd 29.	nd	-
21:40-22:40	1.4 -	1.28 -	nd .000	.15 15.8	1.16 83.	nd 1012.6	nd 5.	nd 26.	.006	-
22:10-23:10	.7 -	1.27 -	nd .000	.15 15.4	1.15 85.	nd 1013.0	nd 3.	nd 29.	.006	-
22:40-23:40	.6 -	1.28 -	nd .000	.17 14.8	1.14 88.	nd 1013.0	nd 1.	nd 24.	.005	-
23:10-00:10	.5 -	1.30 -	nd .000	.19 14.3	1.14 91.	nd 1013.0	nd 0.	nd 241.	.004	-
23:40-00:40	.4 -	1.34 -	nd .000	.18 13.9	1.20 93.	nd 1013.0	nd 0.	nd 243.	nd	-
84/06/22										
00:10-01:10	.4 -	1.34 -	nd .000	.16 13.6	1.22 94.	nd 1013.3	nd 1.	nd 200.	nd	-
00:40-01:40	.4 -	1.29 -	nd .000	.16 13.4	1.17 94.	nd 1013.7	nd 2.	nd 203.	nd	-
01:10-02:10	.4 -	1.28 -	nd .000	.16 13.2	1.15 94.	nd 1014.0	nd 1.	nd 204.	nd	-
01:40-02:40	.4 -	1.29 -	nd .000	.17 12.7	1.15 95.	nd 1013.9	nd 0.	nd 89.	nd	-
02:10-03:10	.4 -	1.38 -	nd .000	.19 12.4	1.23 95.	nd 1013.4	nd 1.	nd 110.	nd	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
02:40-03:40	.4 -	1.45 -	nd .000	.20 12.3	1.30 95.	nd 1013.0	nd 2.	nd 119.	nd	-
03:10-04:10	.4 -	1.50 -	nd .000	.19 12.1	1.35 96.	nd 1013.1	nd 1.	nd 129.	nd	-
03:40-04:40	.4 -	1.52 -	nd .000	.18 12.0	1.38 96.	nd 1013.3	nd 0.	nd 129.	nd	-
04:10-05:10	.4 -	1.49 -	nd .000	.16 11.9	1.38 96.	nd 1013.7	nd 1.	nd 129.	nd	-
04:40-05:40	.3 -	1.46 -	nd .000	.13 11.8	1.37 95.	nd 1013.9	nd 4.	nd 126.	nd	-
05:10-06:10	.3 -	1.45 -	nd .000	.14 12.1	1.35 94.	nd 1014.0	nd 8.	nd 124.	nd	-
05:40-06:40	.3 -	1.48 -	nd .002	.16 13.0	1.36 91.	nd 1014.0	nd 8.	nd 125.	nd	-
06:10-07:10	.3 -	1.42 -	nd .007	.16 14.4	1.29 87.	nd 1014.1	nd 7.	nd 121.	nd	-
06:40-07:40	.4 -	1.29 -	nd .014	.19 17.0	1.13 79.	nd 1014.5	nd 8.	nd 115.	nd	-
07:10-08:10	.4 -	1.17 -	nd .022	.23 19.4	.97 69.	nd 1014.8	nd 12.	nd 114.	nd	-
07:40-08:40	.5 -	1.13 -	.01 .033	.26 20.7	.90 61.	nd 1014.8	nd 16.	nd 114.	nd	-
08:10-09:10	.4 -	1.12 -	.01 .041	.27 21.4	.89 56.	nd 1014.6	nd 19.	nd 114.	nd	-
08:40-09:40	.5 -	1.05 -	.02 .050	.24 22.2	.84 53.	nd 1014.2	nd 22.	nd 120.	nd	-
09:10-10:10	.5 -	.99 -	.02 .061	.21 23.2	.80 51.	nd 1014.0	nd 25.	nd 129.	nd	-
09:40-10:40	.5 -	1.02 -	.02 .068	.22 24.0	.82 49.	nd 1013.5	nd 27.	nd 130.	nd	-
10:10-11:10	.5 -	1.04 -	.04 .072	.21 24.7	.83 47.	.01 1013.0	nd 27.	nd 137.	nd	-
10:40-11:40	.5 -	1.03 -	.05 .081	.20 25.4	.84 45.	.02 1012.5	.01 30.	nd 137.	nd	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
11:10-12:10	.5 -	1.03 -	.03 .085	.17 26.0	.86 43.	nd 1012.0	nd 32.	nd 134.	.009	
11:40-12:40	.4 -	1.04 -	nd .078	.15 26.3	.90 41.	nd 1011.9	nd 30.	nd 141.	.016	
12:10-13:10	.4 -	1.00 -	nd .084	.15 27.0	.86 39.	nd 1011.4	nd 29.	nd 148.	.018	
12:40-13:40	.4 -	.96 -	nd .096	.17 28.0	.80 38.	nd 1010.8	nd 27.	nd 148.	.021	
13:10-14:10	.4 -	1.00 -	.01 .095	.16 28.3	.85 37.	nd 1010.2	nd 26.	nd 143.	.024	
13:40-14:40	.4 -	1.05 -	.02 .087	.15 28.1	.91 37.	nd 1009.7	nd 27.	nd 138.	.026	
14:10-15:10	.4 -	1.05 -	.02 .077	.15 28.1	.91 37.	nd 1009.2	nd 28.	nd 146.	.024	
14:40-15:40	.4 -	1.03 -	.02 .071	.16 28.1	.89 34.	nd 1008.7	nd 29.	nd 151.	.017	
15:10-16:10	.6 -	1.03 -	.02 .067	.15 27.9	.89 32.	nd 1008.2	nd 31.	nd 147.	.013	
15:40-16:40	1.4 -	1.02 -	.02 .058	.15 27.8	.88 30.	nd 1007.6	nd 29.	nd 145.	.012	
16:10-17:10	1.6 -	1.02 -	.02 .051	.15 27.5	.89 31.	nd 1007.2	nd 25.	nd 144.	.011	
16:40-17:40	1.4 -	1.03 -	.02 .051	.14 27.3	.90 33.	nd 1007.0	nd 23.	nd 139.	.010	
17:10-18:10	1.3 -	1.03 -	.02 .047	.16 27.3	.89 33.	nd 1006.5	nd 24.	nd 141.	.009	
17:40-18:40	1.4 -	1.05 -	.03 .033	.15 26.7	.91 32.	nd 1006.0	nd 25.	nd 146.	.006	
18:10-19:10	1.6 -	1.08 -	.03 .022	.13 25.6	.97 34.	nd 1005.6	nd 21.	nd 145.	nd	
18:40-19:40	1.1 -	1.08 -	.03 .015	.12 24.7	.98 38.	nd 1005.1	nd 17.	nd 140.	nd	
19:10-20:10	.5 -	1.12 -	.03 .009	.14 23.6	1.00 42.	nd 1005.0	nd 13.	nd 131.	nd	

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
19:40-20:40	.5 -	1.21 -	.02 .004	.18 22.5	1.06 48.	nd 1005.0	nd 7.	nd 131.	nd	-
20:10-21:10	.5 -	1.28 -	.02 .001	.19 21.8	1.10 51.	nd 1005.0	nd 6.	nd 114.	nd	-
20:40-21:40	.4 -	1.24 -	.02 .000	.17 21.2	1.09 52.	nd 1005.0	nd 6.	nd 103.	nd	-
21:10-22:10	.4 -	1.25 -	.02 .000	.17 20.2	1.09 58.	nd 1005.0	nd 5.	nd 107.	nd	-
21:40-22:40	.4 -	1.26 -	.02 .000	.17 19.4	1.11 62.	nd 1005.0	nd 6.	nd 105.	nd	-
22:10-23:10	.4 -	1.23 -	.02 .000	.16 19.4	1.10 60.	nd 1005.0	nd 10.	nd 106.	nd	-
22:40-23:40	.5 -	1.21 -	.02 .000	.15 19.5	1.09 59.	nd 1005.0	nd 18.	nd 121.	nd	-
23:10-00:10	.6 -	1.20 -	.02 .000	.14 19.3	1.08 59.	nd 1005.0	nd 26.	nd 130.	nd	-
23:40-00:40	.5 -	1.18 -	.02 .000	.13 18.9	1.07 58.	nd 1005.0	nd 26.	nd 134.	nd	-
84/06/23	-	-	-	-	-	-	-	-	-	-
00:10-01:10	.5 -	1.17 -	.02 .000	.13 18.5	1.06 57.	nd 1005.0	nd 22.	nd 137.	nd	-
00:40-01:40	.5 -	1.16 -	.02 .000	.12 18.2	1.06 57.	nd 1005.0	nd 20.	nd 140.	nd	-
01:10-02:10	.5 -	1.13 -	.02 .000	.10 18.0	1.04 56.	nd 1005.0	nd 21.	nd 143.	nd	-
01:40-02:40	.4 -	1.11 -	.02 .000	nd 17.9	1.03 56.	nd 1005.0	nd 22.	nd 143.	nd	-
02:10-03:10	.4 -	1.10 -	.02 .000	nd 17.9	1.03 56.	nd 1005.0	nd 25.	nd 140.	nd	-
02:40-03:40	.4 -	1.11 -	.02 .000	nd 17.9	1.03 55.	nd 1005.0	nd 26.	nd 135.	nd	-
03:10-04:10	.4 -	1.10 -	.02 .000	nd 17.9	1.02 55.	nd 1005.0	nd 25.	nd 132.	nd	-
03:40-04:40	.4 -	1.12 -	.02 .000	nd 17.7	1.03 57.	nd 1005.0	nd 24.	nd 132.	nd	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx - Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
04:10-05:10	.4 -	1.13 -	.02 .000	nd 17.6	1.04 59.	nd 1005.0	nd 22.	nd 131.	nd	-
04:40-05:40	.4 -	1.12 -	.02 .000	nd 17.6	1.04 60.	nd 1005.0	nd 21.	nd 128.	nd	-
05:10-06:10	.4 -	1.15 -	.02 .000	nd 17.5	1.06 62.	nd 1005.0	nd 19.	nd 124.	nd	-
05:40-06:40	.5 -	1.17 -	.02 .001	nd 17.6	1.09 64.	nd 1005.0	nd 19.	nd 122.	nd	-
06:10-07:10	.5 -	1.19 -	.02 .003	nd 17.7	1.11 65.	nd 1005.1	nd 23.	nd 128.	nd	-
06:40-07:40	.5 -	1.21 -	.02 .005	nd 17.7	1.13 68.	nd 1005.6	nd 23.	nd 131.	nd	-
07:10-08:10	.5 -	1.19 -	.02 .016	.11 18.8	1.11 67.	nd 1005.8	nd 23.	nd 131.	nd	-
07:40-08:40	.5 -	1.12 -	.01 .032	.12 20.9	1.01 64.	nd 1005.9	nd 27.	nd 134.	nd	-
08:10-09:10	.6 -	1.07 -	nd .042	.12 22.5	.96 62.	nd 1005.8	nd 29.	nd 140.	nd	-
08:40-09:40	1.3 -	1.10 -	nd .045	.10 23.3	.99 63.	nd 1005.6	nd 30.	nd 142.	nd	-
09:10-10:10	2.8 -	1.11 -	nd .050	.10 24.3	1.01 63.	nd 1005.2	nd 28.	nd 147.	nd	-
09:40-10:40	2.1 -	1.11 -	nd .060	.13 25.4	.99 62.	nd 1005.0	nd 26.	nd 149.	.005	-
10:10-11:10	.9 -	1.26 -	nd .068	.20 26.0	1.08 61.	nd 1004.9	nd 29.	nd 142.	.010	-
10:40-11:40	1.0 -	1.26 -	nd .073	.20 26.8	1.08 60.	nd 1004.7	nd 30.	nd 146.	.017	-
11:10-12:10	.9 -	1.11 -	.01 .077	.14 27.8	.99 59.	nd 1004.3	nd 27.	nd 156.	.025	-
11:40-12:40	1.1 -	1.12 -	.02 .081	.13 28.7	1.00 58.	nd 1004.1	nd 28.	nd 158.	.037	-
12:10-13:10	1.7 -	1.13 -	.02 .080	.13 29.3	1.02 57.	nd 1004.0	nd 30.	nd 155.	.046	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
12:40-13:40	1.8 -	1.18 -	.02 .064	nd 29.0	1.10 58.	nd 1003.6	nd 32.	nd 154.	.051	-
13:10-14:10	1.7 -	1.27 -	.02 .043	nd 27.9	1.23 61.	nd 1003.1	nd 32.	nd 160.	.054	-
13:40-14:40	2.0 -	1.32 -	.03 .040	nd 27.5	1.27 62.	nd 1002.6	nd 30.	nd 160.	.056	-
14:10-15:10	1.7 -	1.33 -	.03 .044	nd 27.7	1.26 61.	nd 1002.1	nd 31.	nd 156.	.059	-
14:40-15:40	1.4 -	1.34 -	.04 .041	.11 27.6	1.26 61.	nd 1001.6	nd 30.	nd 161.	.059	-
15:10-16:10	1.1 -	1.35 -	.04 .033	.12 27.5	1.26 61.	nd 1001.1	nd 26.	nd 162.	.061	-
15:40-16:40	1.1 -	1.36 -	.04 .023	.12 27.0	1.27 63.	nd 1000.6	nd 25.	nd 160.	.057	-
16:10-17:10	1.4 -	1.34 -	.04 .030	.13 26.8	1.24 64.	nd 1000.0	nd 27.	nd 171.	.048	-
16:40-17:40	1.5 -	1.33 -	.04 .036	.14 26.9	1.22 64.	nd 999.6	nd 29.	nd 174.	.046	-
17:10-18:10	1.3 -	1.34 -	.04 .023	.11 26.4	1.25 66.	nd 999.1	nd 28.	nd 167.	.047	-
17:40-18:40	1.0 -	1.31 -	.03 .013	nd 25.8	1.24 68.	nd 998.6	nd 24.	nd 163.	.045	-
18:10-19:10	.8 -	1.27 -	.03 .008	nd 25.3	1.19 69.	nd 998.1	nd 24.	nd 158.	.043	-
18:40-19:40	.8 -	1.25 -	.03 .004	nd 24.6	1.19 71.	nd 998.0	nd 26.	nd 156.	.046	-
19:10-20:10	.8 -	1.27 -	.03 .003	nd 23.9	1.21 73.	nd 998.0	nd 30.	nd 157.	.052	-
19:40-20:40	.7 -	1.28 -	.03 .003	nd 23.2	1.22 75.	nd 998.0	nd 34.	nd 158.	.058	-
20:10-21:10	.7 -	1.28 -	.03 .001	nd 22.4	1.23 78.	nd 998.0	nd 34.	nd 158.	.060	-
20:40-21:40	.7 -	1.26 -	.03 .000	nd 21.2	1.22 86.	nd 997.9	nd 29.	nd 159.	.052	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
21:10-22:10	.6 -	1.23 -	.03 .000	nd 20.1	1.20 94.	nd 997.8	nd 21.	nd 166.	.041	-
21:40-22:40	.6 -	1.18 -	.02 .000	nd 19.9	1.14 97.	nd 997.8	nd 19.	nd 178.	.038	-
22:10-23:10	.5 -	1.12 -	.02 .000	nd 19.8	1.08 98.	nd 997.8	nd 19.	nd 164.	.036	-
22:40-23:40	.5 -	1.12 -	.02 .000	nd 19.8	1.07 98.	nd 997.8	nd 16.	nd 148.	.035	-
23:10-00:10	.6 -	1.14 -	.02 .000	nd 19.8	1.09 98.	nd 997.8	nd 15.	nd 163.	.031	-
23:40-00:40	.5 -	1.12 -	.02 .000	nd 19.5	1.08 98.	nd 997.5	nd 13.	nd 187.	.026	-
84/06/24										
00:10-01:10	.5 -	1.10 -	.02 .000	nd 19.1	1.05 97.	nd 997.1	nd 10.	nd 207.	.021	-
00:40-01:40	.5 -	1.10 -	.02 .000	nd 19.1	1.04 96.	nd 997.3	nd 8.	nd 215.	.016	-
01:10-02:10	.5 -	1.10 -	.02 .000	nd 19.2	1.05 97.	nd 997.6	nd 7.	nd 206.	.015	-
01:40-02:40	.5 -	1.13 -	.02 .000	nd 19.4	1.08 98.	nd 997.3	nd 6.	nd 211.	.015	-
02:10-03:10	.6 -	1.28 -	.02 .000	.11 19.5	1.18 98.	nd 997.1	nd 5.	nd 236.	.008	-
02:40-03:40	.7 -	1.48 -	.02 .000	.27 19.6	1.24 97.	nd 997.3	nd 7.	nd 248.	nd	-
03:10-04:10	.7 -	1.49 -	.02 .000	.30 19.8	1.21 97.	nd 997.3	nd 10.	nd 255.	nd	-
03:40-04:40	.7 -	1.35 -	.02 .000	.18 19.8	1.19 97.	nd 997.0	nd 9.	nd 263.	nd	-
04:10-05:10	.7 -	1.30 -	.02 .000	.11 19.6	1.20 96.	nd 997.0	nd 8.	nd 260.	nd	-
04:40-05:40	.6 -	1.29 -	.02 .000	nd 19.4	1.21 95.	nd 997.1	nd 10.	nd 254.	nd	-
05:10-06:10	.6 -	1.27 -	.02 .000	nd 19.2	1.19 94.	nd 997.5	nd 13.	nd 260.	.005	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
05:40-06:40	.6 -	1.24 -	.02 .000	nd 19.0	1.17 93.	nd 998.0	nd 15.	nd 261.	.011	-
06:10-07:10	.6 -	1.22 -	.02 .003	nd 18.9	1.15 92.	nd 998.1	nd 15.	nd 256.	.014	-
06:40-07:40	.6 -	1.22 -	.02 .004	nd 18.8	1.14 91.	nd 998.5	nd 14.	nd 258.	.013	-
07:10-08:10	.6 -	1.21 -	.02 .003	nd 18.9	1.13 91.	nd 999.0	nd 13.	nd 261.	.008	-
07:40-08:40	.5 -	1.17 -	.02 .005	nd 19.2	1.11 89.	nd 999.0	nd 13.	nd 267.	nd	-
08:10-09:10	.5 -	1.11 -	.02 .019	nd 20.1	1.03 85.	nd 999.1	nd 16.	nd 272.	nd	-
08:40-09:40	.5 -	1.02 -	.02 .042	.12 21.8	.91 79.	nd 999.3	nd 16.	nd 276.	nd	-
09:10-10:10	.5 -	.97 -	.01 .056	.14 23.3	.84 73.	nd 999.7	nd 16.	nd 288.	nd	-
09:40-10:40	.5 -	.96 -	.01 .066	.15 24.3	.81 68.	nd 1000.0	nd 15.	nd 296.	nd	-
10:10-11:10	.4 -	.96 -	.01 .068	.15 24.9	.83 65.	nd 1000.0	nd 13.	nd 302.	nd	-
10:40-11:40	.4 -	.96 -	.02 .074	.16 25.4	.81 62.	nd 1000.0	nd 13.	nd 304.	nd	-
11:10-12:10	.4 -	.96 -	.02 .086	.16 25.8	.81 60.	nd 1000.0	nd 14.	nd 299.	nd	-
11:40-12:40	- -	- -	- -	- -	- -	- -	- -	- -	-	-
12:10-13:10	- -	- -	- -	- -	- -	- -	- -	- -	-	-
12:40-13:40	- -	- -	- -	- -	- -	- -	- -	- -	-	-
13:10-14:10	.3 -	- -	.02 .093	- 25.9	- 51.	.02 1000.0	.01 18.	.01 295.	nd	-
13:40-14:40	.3 -	- -	nd .094	- 25.8	- 49.	nd 1000.0	nd 18.	nd 301.	nd	-

Time	CO	THC	Ozone-P	SO2	Non-CH4	Temp	Humidity	Barom	NO2	NO	Ozone
14:10-15:10	.3	-	-	nd	-	25.5	47.	1000.0	nd	17.	305.
14:40-15:40	.3	-	-	nd	-	25.6	46.	1000.0	nd	16.	310.
15:10-16:10	.3	-	-	nd	-	25.9	45.	1000.0	nd	14.	308.
15:40-16:40	.3	-	-	nd	-	25.8	44.	1000.0	nd	13.	305.
16:10-17:10	.3	-	-	nd	-	25.3	43.	1000.0	nd	12.	304.
16:40-17:40	.3	-	-	nd	-	24.9	44.	1000.0	nd	10.	302.
17:10-18:10	.3	-	-	nd	-	24.6	44.	999.9	nd	10.	300.
17:40-18:40	.3	-	-	nd	-	24.1	44.	999.5	nd	11.	297.
18:10-19:10	.3	-	-	nd	-	23.9	43.	999.1	nd	12.	292.
18:40-19:40	.2	-	-	nd	-	23.5	44.	999.2	nd	11.	290.
19:10-20:10	.2	-	-	nd	-	22.2	45.	999.6	nd	11.	287.
19:40-20:40	.2	-	-	nd	-	-	-	1000.0	nd	13.	281.
20:10-21:10	.1	-	-	nd	-	20.3	49.	1000.3	nd	16.	272.
20:40-21:40	.1	-	-	nd	-	18.5	56.	1000.8	nd	13.	262.
21:10-22:10	.1	-	-	nd	-	17.1	62.	1001.4	nd	5.	272.
21:40-22:40	.1	-	-	nd	-	16.4	69.	1002.1	nd	3.	9.
22:10-23:10	.1	-	-	nd	-	15.5	78.	1002.7	nd	1.	43.

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
22:40-23:40	.1 -	- -	nd .000	- 14.8	- 83.	nd 1003.0	nd 1.	nd 207.	nd	-
23:10-00:10	.1 -	- -	nd .000	- 14.6	- 83.	nd 1003.0	nd 0.	nd 210.	nd	-
23:40-00:40	.1 -	- -	nd .000	- 14.3	- 84.	nd 1003.4	nd 0.	nd 298.	nd	-
84/06/25 00:10-01:10	.1 -	- -	nd .000	- 13.8	- 85.	nd 1003.9	nd 0.	nd 293.	nd	-
00:40-01:40	.2 -	- -	nd .000	- 13.7	- 84.	nd 1004.0	nd 1.	nd 291.	nd	-
01:10-02:10	.2 -	- -	nd .000	- 13.8	- 86.	nd 1004.0	nd 1.	nd 291.	nd	-
01:40-02:40	.2 -	- -	nd .000	- 13.7	- 87.	nd 1004.0	nd 1.	nd 290.	nd	-
02:10-03:10	.2 -	- -	nd .000	- 13.4	- 90.	nd 1004.0	nd 0.	nd 286.	nd	-
02:40-03:40	.2 -	- -	nd .000	- 13.0	- 91.	nd 1004.1	nd 1.	nd 282.	nd	-
03:10-04:10	.1 -	- -	nd .000	- 12.7	- 91.	nd 1004.6	nd 0.	nd 239.	nd	-
03:40-04:40	.1 -	- -	nd .000	- 12.5	- 90.	nd 1005.0	nd 0.	nd 254.	nd	-
04:10-05:10	.1 -	- -	nd .000	- 12.2	- 91.	nd 1005.0	nd 1.	nd 258.	nd	-
04:40-05:40	.1 -	- -	nd .000	- 12.3	- 90.	nd 1005.2	nd 1.	nd 275.	nd	-
05:10-06:10	.1 -	- -	nd .000	- 13.2	- 88.	nd 1005.6	nd 1.	nd 289.	nd	-
05:40-06:40	.1 -	- -	nd .002	- 13.9	- 86.	nd 1005.9	nd 1.	nd 296.	nd	-
06:10-07:10	.1 -	- -	nd .006	- 14.8	- 83.	nd 1006.0	nd 3.	nd 297.	nd	-
06:40-07:40	.1 -	- -	nd .011	- 15.9	- 78.	nd 1006.0	nd 4.	nd 299.	nd	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
07:10-08:10	.1 -	- -	nd .018	- 17.0	- 74.	nd 1006.1	nd 3.	nd 298.	nd	-
07:40-08:40	.1 -	- -	nd .030	- 18.8	- 69.	nd 1006.5	nd 3.	nd 300.	nd	-
08:10-09:10	.2 -	- -	nd .042	- 20.8	- 63.	nd 1006.8	nd 2.	nd 301.	nd	-
08:40-09:40	.1 -	- -	nd .053	- 22.4	- 58.	nd 1006.4	nd 2.	nd 303.	nd	-
09:10-10:10	nd -	- -	nd .058	- 23.0	- 54.	nd 1006.1	nd 2.	nd 312.	nd	-
09:40-10:40	nd -	- -	nd .063	- 22.8	- 53.	nd 1006.1	nd 4.	nd 310.	nd	-
10:10-11:10	nd -	- -	nd .072	- 22.7	- 53.	nd 1006.0	nd 5.	nd 320.	nd	-
10:40-11:40	nd -	- -	nd .082	- 22.0	- 56.	nd 1006.0	nd 8.	nd 343.	nd	-
11:10-12:10	nd -	- -	nd .089	- 21.1	- 58.	nd 1006.0	nd 13.	nd 349.	nd	-
11:40-12:40	.1 -	- -	nd .089	- 21.4	- 57.	nd 1006.0	nd 13.	nd 347.	nd	-
12:10-13:10	nd -	- -	nd .086	- 21.9	- 55.	nd 1006.0	nd 11.	nd 340.	nd	-
12:40-13:40	nd -	- -	nd .088	- 22.0	- 53.	nd 1006.0	nd 14.	nd 342.	nd	-
13:10-14:10	nd -	- -	nd .079	- 21.2	- 54.	nd 1006.0	nd 21.	nd 353.	nd	-
13:40-14:40	.1 -	- -	nd .076	- 20.3	- 58.	nd 1006.0	nd 27.	nd 12.	nd	-
14:10-15:10	.1 -	- -	nd .082	- 20.1	- 60.	nd 1006.0	nd 28.	nd 28.	nd	-
14:40-15:40	.1 -	- -	nd .078	- 20.3	- 58.	nd 1005.6	nd 26.	nd 31.	nd	-
15:10-16:10	.1 -	- -	nd .071	- 20.0	- 57.	nd 1005.1	nd 27.	nd 31.	nd	-

Time~	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
15:40-16:40	.1 -	- -	nd .060	- 19.8	- 56.	nd 1005.0	nd 22.	nd 34.	nd	-
16:10-17:10	.1 -	- -	nd .061	- 20.8	- 53.	nd 1004.8	nd 13.	nd 34.	nd	-
16:40-17:40	.1 -	- -	nd .062	- 21.1	- 51.	nd 1004.5	nd 11.	nd 23.	nd	-
17:10-18:10	.1 -	- -	nd .054	- 20.5	- 54.	nd 1004.3	nd 15.	nd 21.	nd	-
17:40-18:40	.2 -	- -	nd .040	- 19.9	- 56.	nd 1004.3	nd 18.	nd 23.	nd	-
18:10-19:10	.1 -	- -	nd .031	- 19.4	- 58.	nd 1004.7	nd 18.	nd 23.	nd	-
18:40-19:40	.1 -	- -	nd .027	- 19.0	- 59.	nd 1004.9	nd 15.	nd 27.	nd	-
19:10-20:10	.1 -	- -	nd .014	- 18.0	- 64.	nd 1004.9	nd 13.	nd 30.	nd	-
19:40-20:40	nd -	- -	nd .005	- 16.9	- 69.	nd 1005.0	nd 12.	nd 31.	nd	-
20:10-21:10	nd -	- -	nd .002	- 15.7	- 75.	nd 1005.0	nd 9.	nd 35.	nd	-
20:40-21:40	nd -	- -	nd .000	- 14.5	- 81.	nd 1005.0	nd 6.	nd 37.	nd	-
21:10-22:10	.1 -	- -	nd .000	- 13.7	- 84.	nd 1005.4	nd 2.	nd 40.	nd	-
21:40-22:40	.2 -	- -	nd .000	- 13.1	- 86.	nd 1005.9	nd 2.	nd 32.	nd	-
22:10-23:10	.2 -	- -	nd .000	- 12.6	- 86.	nd 1006.0	nd 3.	nd 38.	nd	-
22:40-23:40	.2 -	- -	nd .000	- 12.3	- 87.	nd 1006.0	nd 2.	nd 44.	nd	-
23:10-00:10	.2 -	- -	nd .000	- 12.1	- 88.	nd 1006.4	nd 1.	nd 59.	nd	-
23:40-00:40	.2 -	- -	nd .000	- 11.7	- 90.	nd 1006.8	nd 1.	nd 60.	nd	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
84/06/26										
00:10-01:10	.1 -	- -	nd .000	- 11.5	- 89.	nd 1006.9	nd 1.	nd 80.	nd	-
00:40-01:40	nd -	- -	nd .000	- 11.3	- 89.	nd 1007.0	nd 1.	nd 91.	nd	-
01:10-02:10	nd -	- -	nd .000	- 10.8	- 92.	nd 1007.0	nd 0.	nd 118.	nd	-
01:40-02:40	nd -	- -	nd .000	- 10.3	- 93.	nd 1007.0	nd 0.	nd 358.	nd	-
02:10-03:10	nd -	- -	nd .000	- 9.8	- 95.	nd 1007.0	nd 0.	nd 27.	nd	-
02:40-03:40	nd -	- -	nd .000	- 9.6	- 96.	nd 1007.0	nd 0.	nd 27.	nd	-
03:10-04:10	nd -	- -	nd .000	- 9.4	- 96.	nd 1007.0	nd 0.	nd 25.	nd	-
03:40-04:40	nd -	- -	nd .000	- 9.2	- 96.	nd 1007.0	nd 0.	nd 4.	nd	-
04:10-05:10	nd -	- -	nd .000	- 9.0	- 95.	nd 1007.0	nd 0.	nd 358.	nd	-
04:40-05:40	nd -	- -	nd .000	- 8.8	- 95.	nd 1007.0	nd 0.	nd 132.	nd	-
05:10-06:10	nd -	- -	nd .000	- 8.8	- 95.	nd 1007.0	nd 0.	nd 155.	nd	-
05:40-06:40	.1 -	- -	nd .002	- 10.0	- 91.	nd 1007.4	nd 0.	nd 161.	nd	-
06:10-07:10	.3 -	- -	nd .007	- 11.7	- 87.	nd 1007.9	nd 1.	nd 184.	nd	-
06:40-07:40	.9 -	- -	nd .013	- 14.0	- 81.	nd 1008.0	nd 3.	nd 186.	nd	-
07:10-08:10	1.2 -	- -	nd .023	- 16.9	- 72.	nd 1008.0	nd 3.	nd 183.	nd	-
07:40-08:40	.7 -	- -	nd .034	- 18.4	- 68.	nd 1008.0	nd 5.	nd 185.	nd	-
08:10-09:10	.6 -	- -	nd .043	- 18.7	- 67.	nd 1008.0	nd 6.	nd 202.	nd	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
08:40-09:40	-	-	-	-	-	-	-	-	-	-
09:10-10:10	-	-	-	-	-	-	-	-	-	-
09:40-10:40	-	-	-	-	-	-	-	-	-	-
10:10-11:10	-	-	-	-	-	-	-	-	-	-
10:40-11:40	-	-	-	-	-	-	-	-	-	-
11:10-12:10	-	-	-	-	-	-	-	-	-	-
11:40-12:40	-	-	-	-	-	-	-	-	-	-
12:10-13:10	.7 -	1.38 -	.01 .092	- 24.9	- 46.	nd 1006.1	nd 11.	nd 234.	.047	-
12:40-13:40	.6 -	1.36 -	.01 .093	- 25.4	- 44.	nd 1005.7	nd 13.	nd 224.	.048	-
13:10-14:10	.6 -	1.39 -	nd .092	- 25.8	- 43.	nd 1004.5	nd 13.	nd 217.	.048	-
13:40-14:40	-	-	-	-	-	-	-	-	-	-
14:10-15:10	-	-	-	-	-	-	-	-	-	-
14:40-15:40	-	-	-	-	-	-	-	-	-	-
15:10-16:10	-	-	-	-	-	-	-	-	-	-
15:40-16:40	-	-	-	-	-	-	-	-	-	-
16:10-17:10	-	-	-	-	-	-	-	-	-	-
16:40-17:40	-	-	-	-	-	-	-	-	-	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
17:10-18:10	-	-	-	-	-	-	-	-	-	-
17:40-18:40	.5	1.43	.02	-	-	nd	nd	nd	.050	-
	-	-	.037	24.9	38.	999.4	28.	206.		-
18:10-19:10	.4	1.42	.01	-	-	nd	nd	nd	.049	-
	-	-	.026	24.5	39.	998.8	27.	200.		-
18:40-19:40	.4	1.41	nd	-	-	nd	nd	nd	.049	-
	-	-	.023	24.1	40.	998.3	25.	197.		-
19:10-20:10	.4	1.39	nd	-	-	nd	nd	nd	.049	-
	-	-	.019	23.9	41.	998.0	25.	193.		-
19:40-20:40	.4	1.35	nd	-	-	nd	nd	nd	.044	-
	-	-	.006	22.8	43.	997.5	27.	185.		-
20:10-21:10	.4	1.33	nd	-	-	nd	nd	nd	.037	-
	-	-	.002	21.5	45.	997.0	26.	179.		-
20:40-21:40	.4	1.32	nd	-	-	nd	nd	nd	.036	-
	-	-	.000	20.6	48.	997.1	25.	179.		-
21:10-22:10	.3	1.32	nd	-	-	nd	nd	nd	.035	-
	-	-	.000	19.9	49.	997.3	27.	179.		-
21:40-22:40	.3	1.32	nd	-	-	nd	nd	nd	.029	-
	-	-	.000	19.4	49.	997.7	29.	180.		-
22:10-23:10	.3	1.31	nd	-	-	nd	nd	nd	.027	-
	-	-	.000	18.8	51.	997.7	30.	179.		-
22:40-23:40	.3	1.29	nd	-	-	nd	nd	nd	.031	-
	-	-	.000	18.4	53.	997.6	30.	178.		-
23:10-00:10	.3	1.29	nd	-	-	nd	nd	nd	.035	-
	-	-	.000	18.4	56.	997.8	28.	177.		-
23:40-00:40	.4	1.29	nd	-	-	nd	nd	nd	.035	-
	-	-	.000	18.7	58.	997.8	28.	178.		-
84/06/27										
00:10-01:10	.4	1.29	nd	-	-	nd	nd	nd	.036	-
	-	-	.000	18.4	65.	997.3	32.	179.		-
00:40-01:40	.4	1.28	nd	-	-	nd	nd	nd	.034	-
	-	-	.000	17.9	74.	996.7	31.	175.		-
01:10-02:10	.4	1.24	nd	-	-	nd	nd	nd	.031	-
	-	-	.000	18.2	74.	996.3	32.	172.		-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
01:40-02:40	.5 -	1.22 -	nd .000	- 18.6	- 70.	nd 996.0	nd 32.	nd 175.	.026	-
02:10-03:10	.5 -	1.24 -	nd .000	- 18.8	- 71.	nd 996.0	nd 29.	nd 183.	.022	-
02:40-03:40	.5 -	1.22 -	nd .000	- 19.1	- 73.	nd 995.6	nd 27.	nd 191.	.021	-
03:10-04:10	.4 -	1.18 -	nd .000	- 19.5	- 75.	nd 995.1	nd 26.	nd 197.	.020	-
03:40-04:40	.4 -	1.16 -	nd .000	- 19.8	- 75.	nd 995.0	nd 26.	nd 200.	.019	-
04:10-05:10	.4 -	1.16 -	nd .000	- 19.9	- 76.	nd 995.0	nd 27.	nd 200.	.017	-
04:40-05:40	.4 -	1.15 -	nd .000	- 19.8	- 77.	nd 994.5	nd 27.	nd 198.	.017	-
05:10-06:10	.4 -	1.13 -	nd .000	- 19.9	- 76.	nd 994.1	nd 26.	nd 201.	.022	-
05:40-06:40	.4 -	1.13 -	nd .000	- 20.1	- 76.	nd 994.1	nd 24.	nd 208.	.026	-
06:10-07:10	.4 -	1.17 -	nd .001	- 19.9	- 79.	nd 994.0	nd 26.	nd 210.	.028	-
06:40-07:40	.4 -	1.21 -	nd .001	- 19.3	- 85.	nd 994.0	nd 30.	nd 209.	.028	-
07:10-08:10	.4 -	1.23 -	nd .002	- 18.6	- 92.	nd 994.0	nd 31.	nd 209.	.025	-
07:40-08:40	.4 -	1.24 -	nd .004	- 18.6	- 95.	nd 994.0	nd 29.	nd 209.	.022	-
08:10-09:10	.5 -	1.25 -	nd .005	- 18.8	- 95.	nd 994.2	nd 29.	nd 211.	.018	-
08:40-09:40	.5 -	1.23 -	nd .007	- 19.0	- 94.	nd 994.4	nd 29.	nd 213.	.018	-
09:10-10:10	.5 -	1.18 -	nd .011	- 19.6	- 91.	nd 994.2	nd 33.	nd 214.	.020	-
09:40-10:40	.5 -	1.11 -	nd .021	- 20.5	- 87.	nd 994.0	nd 35.	nd 217.	.020	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone
10:10-11:10	.6 -	1.06 -	nd .053	- 21.8	- 82.	nd 994.0	nd 38.	nd 222.	.019	-
10:40-11:40	.6 -	1.12 -	.02 .054	- 22.5	- 79.	.01 993.9	nd 40.	nd 228.	.019	-
11:10-12:10	.7 -	1.26 -	.03 .030	- 21.6	- 82.	.01 993.9	nd 31.	nd 236.	.019	-
11:40-12:40	.6 -	1.22 -	.02 .053	- 22.3	- 78.	nd 994.0	nd 21.	nd 249.	.023	-
12:10-13:10	.5 -	1.09 -	nd .082	- 25.1	- 64.	nd 994.0	nd 21.	nd 269.	.029	-
12:40-13:40	- -	- -	- -	- -	- -	- -	- -	- -	-	-
13:10-14:10	- -	- -	- -	- -	- -	- -	- -	- -	-	-
13:40-14:40	- -	- -	- -	- -	- -	- -	- -	- -	-	-
14:10-15:10	- -	- -	- -	- -	- -	- -	- -	- -	-	-
14:40-15:40	- -	- -	- -	- -	- -	- -	- -	- -	-	-
15:10-16:10	- -	- -	- -	- -	- -	- -	- -	- -	-	-
15:40-16:40	- -	- -	- -	- -	- -	- -	- -	- -	-	-
16:10-17:10	- -	- -	- -	- -	- -	- -	- -	- -	-	-
16:40-17:40	- -	- -	- -	- -	- -	- -	- -	- -	-	-
17:10-18:10	.6 -	1.19 -	nd .012	- 22.1	- 53.	nd 996.3	nd 25.	nd 291.	.047	-
17:40-18:40	.5 -	1.16 -	nd .006	- 21.5	- 55.	nd 996.7	nd 20.	nd 285.	.050	-
18:10-19:10	.4 -	1.14 -	nd .007	- 21.4	- 55.	nd 997.1	nd 18.	nd 283.	.048	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
18:40-19:40	.3 -	1.13 -	nd .006	- 21.1	- 57.	nd 997.6	nd 19.	nd 282.	.043	-
19:10-20:10	.3 -	1.12 -	nd .008	- 21.0	- 58.	nd 998.3	nd 23.	nd 283.	.042	-
19:40-20:40	.3 -	1.12 -	nd .007	- 20.7	- 59.	nd 998.8	nd 20.	nd 283.	.042	-
20:10-21:10	.5 -	1.13 -	nd .002	- 19.9	- 62.	nd 999.2	nd 15.	nd 280.	.042	-
20:40-21:40	.6 -	1.14 -	nd .000	- 19.3	- 66.	nd 999.7	nd 12.	nd 273.	.040	-
21:10-22:10	.5 -	1.15 -	nd .000	- 19.1	- 68.	nd 1000.0	nd 10.	nd 273.	.039	-
21:40-22:40	.8 -	1.15 -	nd .000	- 18.9	- 69.	nd 1000.5	nd 9.	nd 272.	.037	-
22:10-23:10	1.4 -	1.16 -	nd .000	- 18.6	- 71.	nd 1001.0	nd 8.	nd 276.	.035	-
22:40-23:40	1.2 -	1.15 -	nd .000	- 18.3	- 73.	nd 1001.1	nd 6.	nd 292.	.036	-
23:10-00:10	.9 -	1.15 -	nd .000	- 17.8	- 77.	nd 1001.6	nd 6.	nd 295.	.036	-
23:40-00:40	.8 -	1.16 -	nd .000	- 17.3	- 79.	nd 1002.1	nd 8.	nd 288.	.031	-
84/06/28 00:10-01:10	.7 -	1.17 -	nd .000	- 16.9	- 80.	nd 1002.5	nd 5.	nd 282.	.028	-
00:40-01:40	.6 -	1.18 -	nd .000	- 16.5	- 81.	nd 1003.0	nd 2.	nd 255.	.025	-
01:10-02:10	.4 -	1.24 -	nd .000	- 15.9	- 84.	nd 1003.2	nd 4.	nd 228.	.020	-
01:40-02:40	.3 -	1.39 -	nd .000	- 15.4	- 86.	nd 1003.7	nd 5.	nd 231.	.015	-
02:10-03:10	.2 -	1.55 -	nd .000	- 15.1	- 87.	nd 1004.0	nd 5.	nd 239.	.014	-
02:40-03:40	.2 -	1.68 -	nd .000	- 14.8	- 88.	nd 1004.5	nd 5.	nd 241.	.013	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
03:10-04:10	.2 -	1.67 -	nd .000	- 14.6	- 89.	nd 1005.0	nd 3.	nd 248.	.013	-
03:40-04:40	2.0 -	1.47 -	nd .000	- 14.7	- 89.	nd 1005.1	nd 3.	nd 266.	.014	-
04:10-05:10	3.0 -	1.28 -	nd .000	- 15.3	- 87.	nd 1005.6	nd 6.	nd 287.	.016	-
04:40-05:40	1.6 -	1.20 -	nd .000	- 15.5	- 86.	nd 1006.0	nd 6.	nd 293.	.015	-
05:10-06:10	.9 -	1.21 -	nd .000	- 15.1	- 87.	nd 1006.0	nd 4.	nd 289.	.014	-
05:40-06:40	.5 -	1.22 -	nd .002	- 14.9	- 88.	nd 1006.5	nd 2.	nd 285.	.018	-
06:10-07:10	.5 -	1.22 -	nd .007	- 15.2	- 87.	nd 1007.0	nd 1.	nd 240.	.017	-
06:40-07:40	.5 -	1.23 -	nd .012	- 16.1	- 85.	nd 1007.0	nd 2.	nd 238.	.011	-
07:10-08:10	.6 -	1.20 -	nd .020	- 18.0	- 79.	nd 1007.0	nd 2.	nd 243.	.007	-
07:40-08:40	.9 -	1.08 -	nd .032	- 20.6	- 71.	nd 1007.0	nd 2.	nd 263.	.011	-
08:10-09:10	1.0 -	.96 -	nd .042	- 22.7	- 60.	nd 1007.0	nd 3.	nd 293.	.020	-
08:40-09:40	1.0 -	.90 -	nd .051	- 23.6	- 53.	nd 1007.0	nd 4.	nd 293.	.024	-
09:10-10:10	.8 -	.91 -	nd .059	- 23.9	- 51.	nd 1007.0	nd 2.	nd 290.	.022	-
09:40-10:40	.5 -	.94 -	nd .067	- 24.0	- 53.	nd 1007.0	nd 2.	nd 248.	.028	-
10:10-11:10	.4 -	.98 -	nd .074	- 24.6	- 54.	nd 1007.0	nd 3.	nd 252.	.038	-
10:40-11:40	- -	- -	- -	- -	- -	- -	- -	- -	-	-
11:10-12:10	- -	- -	- -	- -	- -	- -	- -	- -	-	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
11:40-12:40	- -	- -	- -	- -	- -	- -	- -	- -	-	-
12:10-13:10	- -	- -	- -	- -	- -	- -	- -	- -	-	-
12:40-13:40	.6 .041	1.09 -	nd .094	- 27.5	- 42.	nd 1015.4	nd 11.	nd 303.	.042	.044
13:10-14:10	.7 .039	1.02 nd	nd .092	- 27.8	- 42.	nd 1015.3	nd 8.	nd 315.	.039	.043
13:40-14:40	.7 .038	1.01 nd	nd .090	- 27.9	- 41.	nd 1015.0	nd 7.	nd 322.	.040	.040
14:10-15:10	.9 .038	1.05 nd	nd .086	- 27.9	- 41.	nd 1014.7	nd 6.	nd 329.	.040	.039
14:40-15:40	1.0 .039	1.09 nd	nd .080	- 27.6	- 42.	nd 1013.9	nd 6.	nd 334.	.037	.040
15:10-16:10	1.1 .039	1.06 nd	nd .077	- 26.9	- 43.	nd 1013.2	nd 10.	nd 346.	.037	.042
15:40-16:40	.8 .039	1.09 nd	nd .075	- 26.1	- 45.	nd 1013.0	nd 15.	nd 354.	.039	.042
16:10-17:10	.5 .040	1.17 nd	nd .069	- 25.2	- 46.	nd 1012.8	nd 18.	nd 4.	.041	.042
16:40-17:40	.5 .041	1.21 nd	nd .063	- 24.8	- 47.	nd 1012.3	nd 20.	nd 17.	.039	.043
17:10-18:10	.8 .043	1.22 nd	nd .053	- 24.6	- 47.	nd 1012.0	nd 20.	nd 24.	.049	.045
17:40-18:40	1.0 .043	1.23 nd	nd .039	- 24.5	- 47.	nd 1012.0	nd 18.	nd 29.	.064	.046
18:10-19:10	1.2 .041	1.22 nd	nd .030	- 24.3	- 47.	nd 1012.0	nd 17.	nd 34.	.061	.046
18:40-19:40	1.1 .039	1.19 nd	nd .023	- 23.6	- 49.	nd 1012.0	nd 15.	nd 37.	.048	.044
19:10-20:10	.6 .036	1.17 nd	nd .011	- 22.3	- 53.	nd 1012.1	nd 11.	nd 42.	.037	.043
19:40-20:40	.6 .031	1.17 nd	nd .005	- 21.1	- 59.	nd 1012.6	nd 6.	nd 46.	.030	.041

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
20:10-21:10	.9 .026	1.18 .008	nd .002	- 20.2	- 63.	nd 1013.0	nd 4.	nd 56.	.027	.027
20:40-21:40	.8 .026	1.20 .011	nd .000	- 19.4	- 63.	nd 1013.3	nd 2.	nd 65.	.025	.027
21:10-22:10	.6 .020	1.24 .013	nd .000	- 18.3	- 67.	.01 1013.8	.01 3.	nd 33.	.016	.035
21:40-22:40	.5 .021	1.21 .012	nd .000	- 17.5	- 72.	.01 1014.4	.01 16.	nd 25.	.017	.030
22:10-23:10	.4 .027	1.14 .007	nd .000	- 16.7	- 80.	nd 1015.2	nd 22.	nd 30.	.026	.030
22:40-23:40	.4 .023	1.12 nd	nd .000	- 15.7	- 85.	nd 1015.7	nd 14.	nd 37.	.023	.028
23:10-00:10	.4 .021	1.13 nd	nd .000	- 15.3	- 86.	nd 1016.0	nd 9.	nd 37.	.020	.025
23:40-00:40	.4 .021	1.13 nd	nd .000	- 15.1	- 85.	nd 1016.1	nd 9.	nd 40.	.019	.023
84/06/29										
00:10-01:10	.4 .021	1.13 nd	nd .000	- 15.0	- 82.	nd 1016.5	nd 10.	nd 50.	.020	.023
00:40-01:40	.4 .020	1.14 nd	nd .000	- 14.8	- 82.	nd 1016.9	nd 7.	nd 60.	.019	.023
01:10-02:10	.4 .017	1.15 nd	nd .000	- 14.5	- 83.	nd 1017.0	nd 5.	nd 56.	.017	.021
01:40-02:40	.4 .016	1.26 nd	nd .000	- 14.2	- 84.	nd 1017.0	nd 3.	nd 43.	.016	.020
02:10-03:10	.4 .016	1.28 nd	nd .000	- 13.9	- 84.	nd 1017.0	nd 3.	nd 39.	.016	.020
02:40-03:40	.4 .016	1.20 nd	nd .000	- 13.1	- 86.	nd 1017.0	nd 3.	nd 41.	.014	.018
03:10-04:10	.4 .015	1.18 nd	nd .000	- 12.5	- 89.	nd 1017.0	nd 1.	nd 4.	.014	.017
03:40-04:40	.4 .015	1.18 nd	nd .000	- 12.4	- 88.	nd 1017.0	nd 2.	nd 55.	.014	.017
04:10-05:10	.4 .015	1.17 nd	nd .000	- 12.4	- 87.	nd 1017.0	nd 2.	nd 51.	.014	.017

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
04:40-05:40	.4 .014	1.18 nd	nd .000	- 12.0	- 89.	nd 1017.1	nd 1.	nd 36.	.013	.016
05:10-06:10	.4 .013	1.18 nd	nd .000	- 11.8	- 91.	nd 1017.5	nd 1.	nd 39.	.012	.016
05:40-06:40	.4 .011	1.17 nd	nd .002	- 12.7	- 89.	nd 1018.0	nd 3.	nd 50.	.010	.015
06:10-07:10	.4 .012	1.11 nd	nd .008	- 14.2	- 85.	nd 1018.0	nd 9.	nd 50.	.012	.016
06:40-07:40	.4 .014	1.03 nd	nd .014	- 16.0	- 80.	nd 1018.5	nd 11.	nd 54.	.014	.016
07:10-08:10	.4 .015	.95 nd	nd .023	- 17.7	- 74.	nd 1019.5	nd 14.	nd 49.	.016	.017
07:40-08:40	.4 .018	.89 nd	nd .033	- 18.0	- 72.	nd 1019.9	nd 22.	nd 38.	.018	.018
08:10-09:10	- -	- -	- -	- -	- -	- -	- -	- -	-	-
08:40-09:40	- -	- -	- -	- -	- -	- -	- -	- -	-	-
09:10-10:10	- -	- -	- -	- -	- -	- -	- -	- -	-	-
09:40-10:40	- -	- -	- -	- -	- -	- -	- -	- -	-	-
10:10-11:10	- -	- -	- -	- -	- -	- -	- -	- -	-	-
10:40-11:40	- -	- -	- -	- -	- -	- -	- -	- -	-	-
11:10-12:10	- -	- -	- -	- -	- -	- -	- -	- -	-	-
11:40-12:40	.6 .100	1.33 -	nd .073	- 18.5	- 70.	nd 1020.9	nd 24.	nd 14.	-	.117
12:10-13:10	.4 .095	1.41 .039	nd .058	- 18.3	- 70.	nd 1021.0	nd 24.	nd 13.	-	.115
12:40-13:40	.3 .092	1.39 .038	nd .063	- 18.3	- 70.	nd 1020.9	nd 25.	nd 14.	-	.108

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone
13:10-14:10	.3 .082	1.39 .014	nd .059	- 18.1	- 71.	nd 1020.9	nd 27.	nd 17.	-	
13:40-14:40	.4 .080	1.40 nd	nd .054	- 17.8	- 73.	nd 1021.0	nd 27.	nd 17.	-	
14:10-15:10	.6 .086	1.40 .025	nd .056	- 17.6	- 74.	nd 1020.9	nd 30.	nd 17.	-	
14:40-15:40	.6 .083	1.40 .032	nd .049	- 17.2	- 75.	nd 1020.9	nd 31.	nd 19.	-	
15:10-16:10	.5 .070	1.40 .020	nd .043	- 16.9	- 75.	nd 1021.0	nd 27.	nd 15.	-	
15:40-16:40	.6 .056	1.39 .028	nd .040	- 16.9	- 75.	nd 1020.9	nd 25.	nd 13.	-	
16:10-17:10	.6 .043	1.39 .025	nd .033	- 16.6	- 75.	nd 1020.9	nd 26.	nd 12.	-	
16:40-17:40	.8 .027	1.39 .019	nd .029	- 16.2	- 77.	nd 1020.6	nd 27.	nd 10.	-	
17:10-18:10	.7 -	1.38 -	nd .026	- 16.0	- 77.	nd 1020.6	nd 27.	nd 13.	-	
17:40-18:40	.5 -	1.39 -	nd .023	- 15.9	- 77.	nd 1020.9	nd 28.	nd 14.	-	
18:10-19:10	.5 -	1.40 -	nd .019	- 15.7	- 76.	nd 1020.9	nd 29.	nd 13.	-	
18:40-19:40	.3 -	1.40 -	nd .014	- 15.4	- 76.	nd 1020.9	nd 27.	nd 13.	-	
19:10-20:10	.4 -	1.40 -	nd .009	- 15.0	- 77.	nd 1020.9	nd 26.	nd 13.	-	
19:40-20:40	.5 -	1.40 -	nd .004	- 14.5	- 77.	nd 1021.0	nd 22.	nd 12.	-	
20:10-21:10	.4 -	1.38 -	nd .001	- 14.3	- 77.	nd 1021.0	nd 19.	nd 10.	-	
20:40-21:40	.3 -	1.38 -	nd .000	- 14.3	- 77.	nd 1021.0	nd 19.	nd 11.	-	
21:10-22:10	.3 -	1.38 -	nd .000	- 14.3	- 77.	nd 1021.4	nd 19.	nd 14.	-	

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
21:40-22:40	.3 -	1.37 -	nd .000	- 14.3	- 77.	nd 1021.9	nd 21.	nd 16.	-	-
22:10-23:10	.3 -	1.37 -	nd .000	- 14.2	- 77.	nd 1021.8	nd 24.	nd 13.	-	-
22:40-23:40	.5 -	1.37 -	nd .000	- 14.0	- 79.	nd 1021.8	nd 23.	nd 12.	-	-
23:10-00:10	.7 -	1.36 -	nd .000	- 13.9	- 80.	nd 1021.9	nd 22.	nd 18.	-	-
23:40-00:40	.7 -	1.35 -	nd .000	- 14.2	- 82.	nd 1021.9	nd 23.	nd 23.	-	-
84/06/30										
00:10-01:10	.5 -	1.34 -	nd .000	- 14.3	- 83.	nd 1021.9	nd 21.	nd 22.	-	-
00:40-01:40	.4 -	1.32 -	nd .000	- 14.5	- 83.	nd 1021.9	nd 21.	nd 20.	-	-
01:10-02:10	.5 -	1.31 -	nd .000	- 14.8	- 84.	nd 1021.5	nd 24.	nd 19.	-	-
01:40-02:40	.6 -	1.30 -	nd .000	- 15.0	- 84.	nd 1021.1	nd 26.	nd 18.	-	-
02:10-03:10	.6 -	1.29 -	nd .000	- 15.0	- 84.	nd 1021.0	nd 28.	nd 21.	-	-
02:40-03:40	.6 -	1.30 -	nd .000	- 14.7	- 85.	nd 1021.0	nd 28.	nd 21.	-	-
03:10-04:10	.6 -	1.32 -	nd .000	- 14.5	- 86.	nd 1021.0	nd 25.	nd 19.	-	-
03:40-04:40	.5 -	1.34 -	nd .000	- 14.2	- 88.	nd 1020.9	nd 20.	nd 21.	-	-
04:10-05:10	.5 -	1.36 -	nd .000	- 13.6	- 91.	nd 1020.9	nd 13.	nd 26.	-	-
04:40-05:40	.6 -	1.37 -	nd .000	- 13.3	- 92.	nd 1021.0	nd 10.	nd 23.	-	-
05:10-06:10	.5 -	1.38 -	nd .000	- 13.3	- 93.	nd 1021.0	nd 8.	nd 26.	-	-
05:40-06:40	.5 -	1.40 -	nd .002	- 13.7	- 91.	nd 1021.0	nd 5.	nd 31.	-	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
06:10-07:10	.4 -	1.39 -	nd .007	- 14.6	- 87.	nd 1021.0	nd 9.	nd 25.	-	-
06:40-07:40	.4 -	1.34 -	nd .013	- 15.8	- 83.	nd 1021.0	nd 15.	nd 26.	-	-
07:10-08:10	.4 -	1.27 -	nd .017	- 16.6	- 80.	nd 1021.2	nd 14.	nd 27.	-	-
07:40-08:40	.4 -	1.20 -	nd .028	- 17.1	- 79.	nd 1021.6	nd 16.	nd 19.	-	-
08:10-09:10	.5 -	1.15 -	nd .041	- 17.7	- 78.	nd 1021.9	nd 19.	nd 14.	-	-
08:40-09:40	.6 -	1.14 -	nd .051	- 17.9	- 77.	nd 1022.0	nd 22.	nd 12.	-	-
09:10-10:10	.5 -	1.16 -	nd .058	- 18.0	- 77.	nd 1022.0	nd 25.	nd 9.	-	-
09:40-10:40	.4 -	1.19 -	nd .060	- 17.9	- 79.	nd 1022.0	nd 27.	nd 9.	-	-
10:10-11:10	.5 -	1.21 -	nd .061	- 17.9	- 80.	nd 1022.0	nd 27.	nd 7.	-	-
10:40-11:40	.6 -	1.29 -	nd .053	- 17.5	- 82.	nd 1022.0	nd 28.	nd 5.	-	-
11:10-12:10	.6 -	1.39 -	nd .044	- 16.7	- 85.	nd 1022.0	nd 31.	nd 4.	-	-
11:40-12:40	.5 -	1.37 -	nd .050	- 16.8	- 85.	nd 1022.0	nd 34.	nd 2.	-	-
12:10-13:10	.5 -	1.29 -	nd .059	- 17.3	- 84.	nd 1021.7	nd 35.	nd 360.	-	-
12:40-13:40	.7 -	1.18 -	nd .073	- 17.9	- 82.	nd 1021.2	nd 35.	nd 357.	-	-
13:10-14:10	.6 -	1.12 -	nd .087	- 18.5	- 81.	nd 1021.0	nd 34.	nd 355.	-	-
13:40-14:40	.5 -	1.14 -	nd .092	- 18.8	- 80.	nd 1021.0	nd 34.	nd 356.	-	-
14:10-15:10	.5 -	1.17 -	nd .090	- 19.1	- 78.	nd 1020.9	nd 32.	nd 1.	-	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
14:40-15:40	1.2 -	1.18 -	nd .085	- 19.2	- 78.	nd 1020.5	nd 33.	nd 1.	-	-
15:10-16:10	1.4 -	1.21 -	nd .081	- 19.3	- 77.	nd 1020.1	nd 34.	nd 1.	-	-
15:40-16:40	.6 -	1.24 -	nd .076	- 19.5	- 76.	nd 1020.0	nd 34.	nd 6.	-	-
16:10-17:10	1.0 -	1.28 -	nd .070	- 19.5	- 75.	nd 1020.0	nd 35.	nd 6.	-	-
16:40-17:40	1.0 .065	1.32 .014	nd .060	- 19.3	- 75.	nd 1020.0	nd 35.	nd 3.	-	.080
17:10-18:10	.5 .056	1.35 .009	nd .050	- 19.2	- 76.	nd 1020.0	nd 33.	nd 3.	-	.070
17:40-18:40	.7 .054	1.36 .023	nd .041	- 19.1	- 77.	nd 1019.9	nd 30.	nd 0.	-	.067
18:10-19:10	1.3 .044	1.36 .030	nd .032	- 18.8	- 78.	nd 1019.7	nd 29.	nd 359.	-	.067
18:40-19:40	1.2 .033	1.36 .024	nd .025	- 18.4	- 79.	nd 1019.5	nd 27.	nd 1.	-	.047
19:10-20:10	1.0 .035	1.37 .023	nd .015	- 17.7	- 81.	nd 1019.7	nd 26.	nd 3.	-	.047
19:40-20:40	1.0 -	1.39 -	nd .007	- 17.2	- 83.	nd 1019.6	nd 23.	nd 7.	-	-
20:10-21:10	.6 -	1.38 -	nd .003	- 16.8	- 85.	nd 1019.4	nd 19.	nd 10.	-	-
20:40-21:40	.5 -	1.37 -	nd .000	- 16.3	- 87.	nd 1019.4	nd 16.	nd 12.	-	-
21:10-22:10	.6 -	1.37 -	nd .000	- 15.9	- 88.	nd 1019.7	nd 15.	nd 13.	-	-
21:40-22:40	.6 -	1.38 -	nd .000	- 15.7	- 89.	nd 1019.9	nd 14.	nd 11.	-	-
22:10-23:10	.6 -	1.37 -	nd .000	- 15.5	- 89.	nd 1020.0	nd 15.	nd 10.	-	-
22:40-23:40	.5 -	1.36 -	nd .000	- 15.5	- 89.	nd 1020.0	nd 16.	nd 10.	-	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
23:10-00:10	.5 -	1.35 -	nd .000	- 15.6	- 89.	nd 1020.0	nd 17.	nd 11.	-	-
23:40-00:40	.5 -	1.36 -	nd .000	- 15.5	- 89.	nd 1020.1	nd 15.	nd 12.	-	-
84/07/01										
00:10-01:10	.4 -	1.37 -	nd .000	- 15.3	- 90.	nd 1020.1	nd 14.	nd 8.	-	-
00:40-01:40	.4 -	1.37 -	nd .000	- 15.2	- 91.	nd 1020.1	nd 15.	nd 10.	-	-
01:10-02:10	.4 -	1.37 -	nd .000	- 15.2	- 92.	nd 1020.1	nd 15.	nd 16.	-	-
01:40-02:40	.6 -	1.37 -	nd .000	- 15.2	- 92.	nd 1020.1	nd 14.	nd 16.	-	-
02:10-03:10	.7 -	1.38 -	nd .000	- 15.2	- 92.	nd 1020.1	nd 11.	nd 14.	-	-
02:40-03:40	.6 -	1.39 -	nd .000	- 15.1	- 92.	nd 1020.1	nd 7.	nd 10.	-	-
03:10-04:10	.4 -	1.39 -	nd .000	- 15.0	- 91.	nd 1020.1	nd 6.	nd 356.	-	-
03:40-04:40	.4 -	1.39 -	nd .000	- 14.7	- 92.	nd 1020.0	nd 6.	nd 353.	-	-
04:10-05:10	.5 -	1.39 -	nd .000	- 14.6	- 92.	nd 1020.3	nd 4.	nd 353.	-	-
04:40-05:40	.5 -	1.39 -	nd .000	- 14.6	- 92.	nd 1020.7	nd 6.	nd 353.	-	-
05:10-06:10	.4 -	1.39 -	nd .000	- 14.6	- 91.	nd 1020.8	nd 8.	nd 356.	-	-
05:40-06:40	.9 -	1.39 -	nd .002	- 15.2	- 89.	nd 1020.8	nd 6.	nd 356.	-	-
06:10-07:10	1.0 -	1.37 -	nd .008	- 15.3	- 86.	nd 1020.9	nd 3.	nd 354.	-	-
06:40-07:40	.8 -	1.31 -	nd .014	- 18.2	- 81.	nd 1021.0	nd 2.	nd 358.	-	-
07:10-08:10	.8 -	1.21 -	nd .023	- 19.6	- 76.	nd 1021.0	nd 5.	nd 349.	-	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
07:40-08:40	.6 -	1.12 -	nd .033	- 20.5	- 75.	nd 1021.1	nd 6.	nd 344.	-	-
08:10-09:10	.5 -	1.09 -	nd .042	- 21.6	- 72.	nd 1021.5	nd 5.	nd 343.	-	-
08:40-09:40	.6 -	1.10 -	nd .052	- 21.5	- 71.	nd 1021.9	nd 8.	nd 344.	-	-
09:10-10:10	.5 -	1.10 -	nd .060	- 20.8	- 73.	nd 1022.0	nd 14.	nd 348.	-	-
09:40-10:40	.3 -	1.11 -	nd .069	- 20.6	- 74.	nd 1022.0	nd 19.	nd 353.	-	-
10:10-11:10	.4 -	1.13 -	nd .074	- 20.6	- 73.	nd 1022.0	nd 21.	nd 356.	-	-
10:40-11:40	.5 -	1.15 -	nd .078	- 20.6	- 73.	nd 1022.0	nd 21.	nd 353.	-	-
11:10-12:10	.5 -	1.13 -	nd .086	- 20.8	- 73.	nd 1022.0	nd 20.	nd 352.	-	-
11:40-12:40	.4 -	1.15 -	nd .085	- 21.0	- 73.	nd 1022.0	nd 18.	nd 354.	-	-
12:10-13:10	.4 -	1.19 -	nd .083	- 21.1	- 72.	nd 1022.0	nd 17.	nd 350.	-	-
12:40-13:40	.4 -	1.17 -	nd .090	- 21.8	- 70.	nd 1021.9	nd 14.	nd 347.	-	-
13:10-14:10	.4 -	1.21 -	nd .087	- 22.1	- 68.	nd 1021.5	nd 14.	nd 350.	-	-
13:40-14:40	.3 -	1.31 -	nd .083	- 21.6	- 68.	nd 1021.1	nd 20.	nd 352.	-	-
14:10-15:10	.3 -	1.32 -	nd .087	- 22.1	- 66.	nd 1021.0	nd 24.	nd 354.	-	-
14:40-15:40	.3 -	1.30 -	nd .086	- 22.6	- 64.	nd 1020.7	nd 23.	nd 355.	-	-
15:10-16:10	.4 -	1.31 -	nd .082	- 22.8	- 63.	nd 1020.3	nd 22.	nd 357.	-	-
15:40-16:40	.4 -	1.34 -	nd .076	- 22.9	- 63.	nd 1020.1	nd 23.	nd 0.	-	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone T
16:10-17:10	.4 -	1.38 -	nd .069	- 22.6	- 64.	nd 1020.0	nd 24.	nd 3.	-	-
16:40-17:40	.4 -	1.39 -	nd .061	- 22.1	- 65.	nd 1020.0	nd 24.	nd 4.	-	-
17:10-18:10	.3 -	1.39 -	nd .053	- 21.8	- 65.	nd 1020.0	nd 24.	nd 6.	-	-
17:40-18:40	.3 -	1.39 -	nd .039	- 21.8	- 65.	nd 1019.9	nd 23.	nd 15.	-	-
18:10-19:10	.3 -	1.39 -	nd .030	- 21.3	- 66.	nd 1019.9	nd 22.	nd 18.	-	-
18:40-19:40	.3 -	1.38 -	nd .023	- 20.2	- 70.	nd 1020.0	nd 19.	nd 15.	-	-
19:10-20:10	.3 -	1.39 -	nd .012	- 19.0	- 76.	nd 1020.0	nd 14.	nd 16.	-	-
19:40-20:40	.4 -	1.40 -	nd .006	- 18.2	- 80.	nd 1020.0	nd 10.	nd 21.	-	-
20:10-21:10	.4 -	1.41 -	nd .002	- 17.8	- 82.	nd 1020.0	nd 5.	nd 24.	-	-
20:40-21:40	.4 -	1.45 -	nd .000	- 17.0	- 85.	nd 1020.0	nd 1.	nd 15.	-	-
21:10-22:10	.4 -	1.46 -	nd .000	- 16.5	- 87.	nd 1020.0	nd 0.	nd 360.	-	-
21:40-22:40	.4 -	1.49 -	nd .000	- 16.1	- 88.	nd 1020.3	nd 1.	nd 353.	-	-
22:10-23:10	.4 -	1.51 -	nd .000	- 15.4	- 92.	nd 1020.7	nd 0.	nd 354.	-	-
22:40-23:40	.3 -	1.50 -	nd .000	- 15.0	- 93.	nd 1020.9	nd 0.	nd 89.	-	-
23:10-00:10	.3 -	1.53 -	nd .000	- 15.0	- 93.	nd 1021.0	nd 0.	nd 54.	-	-
23:40-00:40	.4 -	1.56 -	nd .000	- 15.2	- 93.	nd 1021.2	nd 0.	nd 50.	-	-
84/07/02 00:10-01:10	.5 -	1.54 -	nd .000	- 15.5	- 94.	nd 1021.7	nd 0.	nd 69.	-	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
00:40-01:40	.5 -	1.57 -	nd .000	- 15.9	- 94.	nd 1022.0	nd 0.	nd 242.	-	-
01:10-02:10	.6 -	1.60 -	nd .000	- 16.1	- 94.	nd 1022.1	nd 0.	nd 287.	-	-
01:40-02:40	.6 -	1.60 -	nd .000	- 16.0	- 95.	nd 1022.2	nd 0.	nd 105.	-	-
02:10-03:10	.7 -	1.61 -	nd .000	- 15.7	- 95.	nd 1022.5	nd 0.	nd 96.	-	-
02:40-03:40	.8 -	1.72 -	nd .000	- 15.2	- 94.	nd 1022.4	nd 0.	nd 151.	-	-
03:10-04:10	.8 -	1.74 -	nd .000	- 14.7	- 95.	nd 1022.1	nd 0.	nd 34.	-	-
03:40-04:40	.9 -	1.65 -	nd .000	- 14.1	- 95.	nd 1022.0	nd 0.	nd 359.	-	-
04:10-05:10	.8 -	1.69 -	nd .000	- 14.0	- 95.	nd 1022.0	nd 0.	nd 341.	-	-
04:40-05:40	.7 -	1.70 -	nd .000	- 14.0	- 95.	nd 1022.0	nd 0.	nd 323.	-	-
05:10-06:10	.7 -	1.67 -	nd .000	- 13.9	- 94.	nd 1022.1	nd 0.	nd 245.	-	-
05:40-06:40	.7 -	1.73 -	nd .001	- 13.8	- 94.	nd 1022.1	nd 1.	nd 170.	-	-
06:10-07:10	.7 -	1.76 -	nd .003	- 14.4	- 92.	nd 1022.1	nd 1.	nd 157.	-	-
06:40-07:40	.6 -	1.75 -	nd .010	- 16.5	- 87.	nd 1022.1	nd 2.	nd 137.	-	-
07:10-08:10	.6 -	1.58 -	nd .022	- 20.6	- 75.	nd 1022.2	nd 2.	nd 137.	-	-
07:40-08:40	.6 -	1.37 -	nd .027	- 23.3	- 68.	nd 1022.2	nd 0.	nd 71.	-	-
08:10-09:10	.5 -	1.33 -	.01 .037	- 24.5	- 64.	nd 1022.0	nd 1.	nd 199.	-	-
08:40-09:40	.6 -	1.37 -	.02 .053	- 26.1	- 57.	nd 1022.0	nd 2.	nd 202.	-	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
09:10-10:10	.8 -	1.58 -	.04 .059	- 26.3	- 55.	nd 1021.9	nd 5.	nd 204.	-	-
09:40-10:40	1.0 -	1.90 -	.07 .066	- 25.9	- 54.	nd 1021.4	nd 7.	nd 210.	-	-
10:10-11:10	1.0 -	1.95 -	.10 .072	- 26.7	- 51.	nd 1020.8	nd 6.	nd 215.	-	-
10:40-11:40	1.0 -	1.81 -	.10 .078	- 27.9	- 47.	nd 1020.3	nd 5.	nd 213.	-	-
11:10-12:10	1.2 -	1.80 -	.09 .083	- 28.6	- 45.	nd 1019.6	nd 4.	nd 227.	-	-
11:40-12:40	1.4 -	1.89 -	.08 .087	- 28.8	- 44.	nd 1018.8	nd 5.	nd 204.	-	-
12:10-13:10	1.4 -	2.00 -	.09 .088	- 28.5	- 43.	nd 1018.2	nd 9.	nd 193.	-	-
12:40-13:40	1.3 -	2.12 -	.10 .080	- 28.6	- 43.	nd 1017.4	nd 6.	nd 203.	-	-
13:10-14:10	- -	- -	- -	- -	- -	- -	- -	- -	-	-
13:40-14:40	- -	- -	- -	- -	- -	- -	- -	- -	-	-
14:10-15:10	- -	- -	- -	- -	- -	- -	- -	- -	-	-
14:40-15:40	- -	- -	- -	- -	- -	- -	- -	- -	-	-
15:10-16:10	- -	- -	- -	- -	- -	- -	- -	- -	-	-
15:40-16:40	- -	- -	- -	- -	- -	- -	- -	- -	-	-
16:10-17:10	- -	- -	- -	- -	- -	- -	- -	- -	-	-
16:40-17:40	- -	- -	- -	- -	- -	- -	- -	- -	-	-
17:10-18:10	- -	- -	- -	- -	- -	- -	- -	- -	-	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
17:40-18:40	-	-	-	-	-	-	-	-	-	-
18:10-19:10	-	-	-	-	-	-	-	-	-	-
18:40-19:40	-	-	-	-	-	-	-	-	-	-
19:10-20:10	-	-	-	-	-	-	-	-	-	-
19:40-20:40	-	-	-	-	-	-	-	-	-	-
20:10-21:10	-	-	-	-	-	-	-	-	-	-
20:40-21:40	-	-	-	-	-	-	-	-	-	-
21:10-22:10	-	-	-	-	-	-	-	-	-	-
21:40-22:40	-	-	-	-	-	-	-	-	-	-
22:10-23:10	-	-	-	-	-	-	-	-	-	-
22:40-23:40	-	-	-	-	-	-	-	-	-	-
23:10-00:10	-	-	-	-	-	-	-	-	-	-
23:40-00:40	-	-	-	-	-	-	-	-	-	-
84/07/03 00:10-01:10	-	-	-	-	-	-	-	-	-	-
00:40-01:40	-	-	-	-	-	-	-	-	-	-
01:10-02:10	-	-	-	-	-	-	-	-	-	-
01:40-02:40	-	-	-	-	-	-	-	-	-	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone
02:10-03:10	-	-	-	-	-	-	-	-	-	-
02:40-03:40	-	-	-	-	-	-	-	-	-	-
03:10-04:10	-	-	-	-	-	-	-	-	-	-
03:40-04:40	-	-	-	-	-	-	-	-	-	-
04:10-05:10	-	-	-	-	-	-	-	-	-	-
04:40-05:40	-	-	-	-	-	-	-	-	-	-
05:10-06:10	-	-	-	-	-	-	-	-	-	-
05:40-06:40	-	-	-	-	-	-	-	-	-	-
06:10-07:10	-	-	-	-	-	-	-	-	-	-
06:40-07:40	-	-	-	-	-	-	-	-	-	-
07:10-08:10	-	-	-	-	-	-	-	-	-	-
07:40-08:40	-	-	-	-	-	-	-	-	-	-
08:10-09:10	-	-	-	-	-	-	-	-	-	-
08:40-09:40	-	-	-	-	-	-	-	-	-	-
09:10-10:10	-	-	-	-	-	-	-	-	-	-
09:40-10:40	-	-	-	-	-	-	-	-	-	-
10:10-11:10	-	-	-	-	-	-	-	-	-	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
10:40-11:40	.3 -	1.25 -	nd .076	- 27.3	- 55.	nd 1014.1	nd 9.	nd 225.	.106 #	-
11:10-12:10	.2 -	1.10 -	nd .079	- 27.7	- 54.	nd 1013.9	nd 12.	nd 220.	.113 #	-
11:40-12:40	nd -	.94 -	nd .087	- 28.5	- 50.	nd 1013.4	nd 13.	nd 225.	.103 #	-
12:10-13:10	nd -	.94 -	nd .073	- 29.0	- 48.	nd 1013.0	nd 11.	nd 236.	-	-
12:40-13:40	nd .079	1.02 -	nd .062	- 28.8	- 47.	nd 1012.7	nd 10.	nd 238.	-	.091
13:10-14:10	.1 .091	.97 .019	nd .077	- 29.1	- 47.	nd 1012.2	nd 14.	nd 228.	-	.104
13:40-14:40	.4 .096	1.03 .021	nd .069	- 28.9	- 47.	nd 1012.0	nd 16.	nd 225.	.089 #	.114
14:10-15:10	.6 .094	1.09 .023	nd .060	- 28.8	- 47.	nd 1011.7	nd 15.	nd 225.	.087 #	.116
14:40-15:40	.6 .093	.99 .023	nd .063	- 29.4	- 46.	nd 1011.2	nd 14.	nd 233.	.084 #	.116
15:10-16:10	.8 .091	.97 .021	nd .056	- 29.6	- 46.	nd 1011.0	nd 12.	nd 243.	.079	.114
15:40-16:40	.8 .085	1.02 .019	nd .040	- 29.1	- 48.	nd 1010.5	nd 12.	nd 229.	.070	.108
16:10-17:10	.7 .081	1.03 .017	nd .030	- 28.5	- 49.	nd 1009.8	nd 17.	nd 216.	.071	.098
16:40-17:40	.7 .080	1.01 .016	nd .031	- 28.5	- 50.	nd 1009.2	nd 17.	nd 212.	.076	.096
17:10-18:10	.7 .078	.95 .016	nd .032	- 28.9	- 50.	nd 1009.0	nd 13.	nd 209.	.088 #	.095
17:40-18:40	1.6 .075	.89 .017	nd .031	- 29.1	- 50.	nd 1008.9	nd 12.	nd 207.	.111 #	.093
18:10-19:10	1.7 .070	.95 .017	nd .023	- 28.4	- 52.	nd 1008.7	nd 9.	nd 213.	.087 #	.091
18:40-19:40	.6 .063	1.09 .017	nd .013	- 27.6	- 54.	nd 1008.3	nd 4.	nd 225.	.053	.083

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
19:10-20:10	nd .055	1.10 .019	nd .008	- 26.9	- 56.	nd 1008.0	nd 2.	nd 230.	.049	.7
19:40-20:40	nd .048	1.05 .020	nd .003	- 25.9	- 63.	nd 1008.0	nd 3.	nd 200.	.039	.2
20:10-21:10	nd .042	1.04 .020	nd .001	- 24.4	- 69.	nd 1008.0	nd 5.	nd 192.	.042	.066
20:40-21:40	nd .038	1.51 .021	nd .000	- 23.4	- 71.	nd 1008.1	nd 6.	nd 193.	.053	.061
21:10-22:10	nd .037	1.97 .022	nd .000	- 22.9	- 71.	nd 1008.6	nd 8.	nd 195.	.060	.059
21:40-22:40	nd .037	1.93 .022	nd .000	- 22.6	- 71.	nd 1009.0	nd 9.	nd 193.	.063	.059
22:10-23:10	nd .038	1.93 .021	nd .000	- 22.6	- 71.	nd 1009.1	nd 11.	nd 191.	.060	.059
22:40-23:40	nd .039	1.96 .021	nd .000	- 22.7	- 71.	nd 1009.6	nd 11.	nd 197.	.050	.059
23:10-00:10	nd .039	1.98 .020	nd .000	- 22.5	- 73.	nd 1010.3	nd 8.	nd 215.	.039	.7
23:40-00:40	nd .037	2.09 .020	nd .000	- 21.9	- 77.	nd 1010.8	nd 3.	nd 246.	.034	.7
84/07/04										
00:10-01:10	.6 .028	2.19 .023	nd .000	- 21.2	- 83.	nd 1010.8	nd 0.	nd 265.	-	.035
00:40-01:40	1.0 .019	2.23 .024	nd .000	- 20.6	- 88.	nd 1010.8	nd 0.	nd 150.	-	.035
01:10-02:10	.5 .016	2.26 .023	nd .000	- 20.3	- 89.	nd 1011.0	nd 1.	nd 179.	-	.035
01:40-02:40	.3 .018	2.27 .022	nd .000	- 20.6	- 86.	nd 1011.0	nd 3.	nd 188.	-	.035
02:10-03:10	.7 .019	2.28 .024	nd .000	- 20.8	- 83.	nd 1011.0	nd 5.	nd 190.	-	.035
02:40-03:40	2.3 .017	2.25 .024	nd .000	- 20.6	- 84.	nd 1011.4	nd 5.	nd 197.	-	.035
03:10-04:10	1.9 .017	2.23 .022	nd .000	- 20.5	- 84.	nd 1011.8	nd 5.	nd 214.	-	.035

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
03:40-04:40	.3 .019	2.27 .021	nd .000	- 20.6	- 83.	nd 1012.0	nd 5.	nd 234.	-	.038
04:10-05:10	1.5 .025	2.25 .021	nd .000	- 20.7	- 83.	nd 1012.0	nd 4.	nd 253.	-	.044
04:40-05:40	1.4 .030	2.06 .020	nd .000	- 20.7	- 82.	nd 1012.3	nd 5.	nd 248.	-	.048
05:10-06:10	.2 .029	1.97 .018	nd .000	- 20.5	- 82.	nd 1012.8	nd 5.	nd 242.	-	.048
05:40-06:40	nd .026	1.98 .019	nd .001	- 20.2	- 84.	nd 1013.0	nd 3.	nd 245.	-	.047
06:10-07:10	nd .025	2.00 .020	nd .005	- 20.2	- 85.	nd 1013.0	nd 2.	nd 243.	-	.046
06:40-07:40	nd .022	2.09 .020	nd .010	- 20.8	- 83.	nd 1013.0	nd 2.	nd 233.	-	.045
07:10-08:10	- -	- -	- -	- -	- -	- -	- -	- -	-	-
07:40-08:40	- -	- -	- -	- -	- -	- -	- -	- -	-	-
08:10-09:10	- -	- -	- -	- -	- -	- -	- -	- -	-	-
08:40-09:40	.7 -	1.22 -	nd .042	- 24.9	- 70.	nd 1013.9	nd 4.	nd 277.	.016	-
09:10-10:10	.8 .049	1.19 .012	nd .050	- 25.7	- 67.	nd 1013.7	nd 3.	nd 254.	.022	.058
09:40-10:40	.8 .055	1.17 .013	.01 .058	- 27.0	- 63.	nd 1013.5	nd 1.	nd 252.	.027	.065
10:10-11:10	.7 .059	1.14 .012	.02 .066	- 27.2	- 61.	nd 1013.2	nd 5.	nd 349.	.032	.069
10:40-11:40	.8 .066	1.18 .012	.02 .073	- 27.3	- 59.	nd 1013.0	nd 5.	nd 349.	.042	.074
11:10-12:10	.9 .071	1.26 .013	.02 .074	- 28.5	- 56.	nd 1013.0	nd 3.	nd 336.	.049	.082
11:40-12:40	.7 .072	1.25 .012	.02 .079	- 29.0	- 55.	nd 1012.6	nd 4.	nd 347.	.052	.084

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
12:10-13:10	.9 .076	1.30 .012	.02 .076	- 29.1	- 55.	nd 1012.1	nd 5.	nd 1.	.057	.055
12:40-13:40	1.0 .078	1.37 .011	.02 .076	- 28.0	- 57.	nd 1011.9	nd 10.	nd 3.	.058	.057
13:10-14:10	.9 .078	1.38 .010	.03 .076	- 27.4	- 59.	nd 1011.4	nd 13.	nd 8.	.057	.058
13:40-14:40	.9 .075	1.52 .011	.03 .050	- 26.6	- 62.	nd 1010.9	nd 13.	nd 14.	.053	.059
14:10-15:10	.8 .075	1.60 .012	.03 .030	- 25.6	- 65.	nd 1010.4	nd 14.	nd 16.	.066	.086
14:40-15:40	.9 .076	1.59 .010	.02 .028	- 25.4	- 67.	nd 1009.8	nd 13.	nd 21.	.085	.084
15:10-16:10	.8 .080	1.59 .013	.03 .024	- 25.7	- 67.	nd 1009.3	nd 11.	nd 26.	.092	.092
15:40-16:40	.8 .074	1.58 .017	.03 .014	- 24.7	- 73.	nd 1009.0	nd 8.	nd 20.	.082	.077
16:10-17:10	.9 .059	1.54 .013	.02 .007	- 22.9	- 82.	nd 1008.6	nd 2.	nd 352.	.065	.052
16:40-17:40	.9 .052	1.52 .011	.02 .015	- 22.6	- 87.	nd 1008.1	nd 3.	nd 214.	.062	.056
17:10-18:10	.7 .050	1.51 .011	.02 .022	- 23.4	- 86.	nd 1008.0	nd 3.	nd 189.	.061	.051
17:40-18:40	.8 .051	1.52 .012	.02 .014	- 24.0	- 83.	nd 1008.0	nd 3.	nd 160.	.061	.055
18:10-19:10	.7 .054	1.52 .014	.02 .007	- 23.6	- 82.	nd 1008.0	nd 2.	nd 137.	.060	.058
18:40-19:40	.7 .047	1.50 .013	.02 .004	- 22.9	- 84.	nd 1008.0	nd 3.	nd 145.	.053	.043
19:10-20:10	.8 .037	1.50 .010	.01 .002	- 22.2	- 87.	nd 1008.0	nd 5.	nd 141.	.045	.052
19:40-20:40	.8 .031	1.49 .013	.01 .001	- 21.7	- 88.	nd 1008.2	nd 5.	nd 136.	.039	.047
20:10-21:10	.7 .026	1.49 .017	nd .001	- 21.3	- 89.	nd 1008.5	nd 3.	nd 138.	.033	.044

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
20:40-21:40	1.1 .023	1.49 .016	nd .000	- 20.8	- 90.	nd 1008.9	nd 2.	nd 164.	.031	.041
21:10-22:10	1.6 .021	1.47 .014	nd .000	- 20.3	- 89.	nd 1009.0	nd 6.	nd 187.	.030	.036
21:40-22:40	1.5 .019	1.47 .015	nd .000	- 19.8	- 90.	nd 1009.0	nd 6.	nd 191.	.029	.035
22:10-23:10	1.1 .019	1.46 .015	nd .000	- 19.5	- 91.	nd 1009.1	nd 2.	nd 199.	.029	.035
22:40-23:40	.8 .019	1.43 .015	nd .000	- 19.1	- 91.	nd 1009.2	nd 1.	nd 203.	.029	.034
23:10-00:10	.6 .018	1.41 .015	nd .000	- 18.9	- 91.	nd 1009.6	nd 3.	nd 206.	.027	.033
23:40-00:40	.7 .018	1.46 .015	nd .000	- 18.7	- 91.	nd 1009.9	nd 8.	nd 206.	.026	.033
84/07/05										
00:10-01:10	.7 .020	1.48 .016	nd .000	- 18.6	- 91.	nd 1010.0	nd 8.	nd 210.	.028	.035
00:40-01:40	.5 .022	1.47 .016	nd .000	- 18.4	- 92.	nd 1010.0	nd 6.	nd 217.	.030	.036
01:10-02:10	.5 .021	1.49 .015	nd .000	- 18.2	- 92.	nd 1010.3	nd 6.	nd 221.	.031	.037
01:40-02:40	.7 .020	1.54 .017	nd .000	- 18.0	- 93.	nd 1010.7	nd 4.	nd 226.	.029	.037
02:10-03:10	.9 .018	1.63 .018	nd .000	- 17.8	- 94.	nd 1011.0	nd 3.	nd 229.	.029	.037
02:40-03:40	.9 .018	1.76 .020	nd .000	- 17.8	- 94.	nd 1011.0	nd 4.	nd 227.	.029	.038
03:10-04:10	.7 .020	1.89 .020	nd .000	- 17.6	- 95.	nd 1011.0	nd 3.	nd 229.	.030	.039
03:40-04:40	.9 .020	1.89 .018	nd .000	- 17.2	- 95.	nd 1011.0	nd 1.	nd 212.	.029	.039
04:10-05:10	.9 .017	1.74 .014	nd .000	- 16.9	- 95.	nd 1011.4	nd 1.	nd 187.	.024	.033
04:40-05:40	.7 .013	1.74 .013	nd .000	- 16.6	- 96.	nd 1011.9	nd 2.	nd 186.	.017	.026

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
05:10-06:10	.7 .011	1.78 .014	nd .000	- 16.3	- 96.	nd 1012.0	nd 1.	nd 183.	.012	.016
05:40-06:40	.7 .011	1.82 .016	nd .001	- 16.3	- 96.	nd 1012.0	nd 0.	nd 178.	.011	.017
06:10-07:10	.7 .010	1.91 .016	nd .004	- 16.9	- 95.	nd 1012.2	nd 0.	nd 206.	.011	.027
06:40-07:40	.8 .009	1.96 .016	nd .008	- 17.9	- 94.	nd 1012.7	nd 0.	nd 207.	.010	.026
07:10-08:10	.8 .010	1.86 .017	nd .014	- 19.2	- 92.	.01 1013.0	nd 0.	nd 242.	.011	.025
07:40-08:40	1.4 .014	1.64 .017	nd .026	- 21.8	- 84.	nd 1013.0	nd 1.	nd 266.	.018	.028
08:10-09:10	1.6 .019	1.40 .017	nd .031	- 23.5	- 75.	nd 1013.0	nd 1.	nd 349.	.027	.034
08:40-09:40	1.4 .024	1.26 .016	nd .031	- 23.1	- 72.	nd 1013.0	nd 3.	nd 1.	.032	.017
09:10-10:10	1.3 .025	1.24 .015	nd .035	- 23.9	- 69.	nd 1013.0	nd 2.	nd 1.	.036	.010
09:40-10:40	1.0 .027	1.26 .015	nd .032	- 24.4	- 68.	nd 1013.0	nd 1.	nd 344.	.039	.011
10:10-11:10	.9 .029	1.34 .015	nd .028	- 23.1	- 72.	nd 1013.0	nd 3.	nd 341.	.042	.013
10:40-11:40	.9 .032	1.34 .015	nd .053	- 23.6	- 72.	nd 1012.8	nd 3.	nd 343.	.045	.015
11:10-12:10	.9 .036	1.34 .013	nd .062	- 25.8	- 66.	nd 1012.5	nd 1.	nd 310.	.049	.047
11:40-12:40	.9 .038	1.36 .010	nd .050	- 27.3	- 63.	nd 1012.3	nd 1.	nd 210.	.049	.048
12:10-13:10	.9 .038	1.31 .010	.01 .064	- 28.0	- 62.	nd 1012.0	nd 2.	nd 339.	.049	.048
12:40-13:40	.8 .036	1.39 .012	.01 .065	- 26.2	- 68.	nd 1012.0	nd 7.	nd 348.	.048	.048
13:10-14:10	.7 .035	1.44 .010	.01 .046	- 23.3	- 74.	nd 1011.6	nd 13.	nd 357.	.046	.046

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
13:40-14:40	.6 .034	1.41 .008	.01 .023	- 21.3	- 81.	nd 1010.9	nd 14.	nd 350.	.045	.044
14:10-15:10	1.0 -	1.38 -	.01 .005	- 49.1	- 51.	nd 1010.8	nd 14.	nd 341.	.047	-
14:40-15:40	1.0 -	1.33 -	nd .012	- 59.9	- 22.	nd 1010.5	nd 10.	nd 331.	.049	-
15:10-16:10	1.0 -	1.26 -	nd .020	- 35.5	- 39.	nd 1010.2	nd 10.	nd 346.	.048	-
15:40-16:40	1.6 -	1.18 -	nd .026	- 28.5	- 55.	nd 1010.1	nd 10.	nd 349.	.050	-
16:10-17:10	1.6 -	1.20 -	nd .020	- 27.8	- 58.	nd 1010.0	nd 3.	nd 354.	.048	-
16:40-17:40	1.0 -	1.30 -	nd .008	- 26.9	- 60.	nd 1010.1	nd 4.	nd 135.	.042	-
17:10-18:10	.7 .026	1.29 .011	nd .013	- 26.4	- 62.	nd 1010.1	nd 7.	nd 147.	.037	.038
17:40-18:40	.8 .025	1.27 .012	nd .014	- 27.7	- 58.	nd 1010.6	nd 8.	nd 182.	.037	.038
18:10-19:10	.8 .025	1.23 .014	nd .013	- 28.3	- 56.	nd 1011.0	nd 7.	nd 196.	.038	.039
18:40-19:40	.8 .025	1.19 .015	nd .016	- 27.5	- 55.	nd 1011.0	nd 7.	nd 195.	.040	.042
19:10-20:10	.9 .023	1.24 .016	.01 .011	- 25.9	- 57.	nd 1011.0	nd 11.	nd 184.	.037	.042
19:40-20:40	.9 .021	1.32 .016	nd .005	- 24.3	- 63.	nd 1011.0	nd 9.	nd 181.	.034	.039
20:10-21:10	.7 .019	1.37 .014	nd .002	- 23.2	- 67.	nd 1011.0	nd 7.	nd 190.	.030	.035
20:40-21:40	.7 .017	1.42 .014	nd .000	- 22.4	- 70.	nd 1011.0	nd 9.	nd 193.	.027	.032
21:10-22:10	.7 .016	1.47 .014	nd .000	- 21.6	- 72.	nd 1011.0	nd 10.	nd 188.	.026	.031
21:40-22:40	.7 .017	1.44 .015	nd .000	- 20.9	- 73.	nd 1011.0	nd 12.	nd 188.	.028	.032

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
22:10-23:10	.6 .018	1.40 .015	nd .000	- 20.3	- 75.	nd 1011.0	nd 12.	nd 190.	.030	.030
22:40-23:40	.6 .017	1.40 .012	nd .000	- 20.1	- 76.	nd 1011.1	nd 12.	nd 192.	.027	.030
23:10-00:10	.7 .016	1.40 .010	nd .000	- 20.0	- 76.	nd 1011.5	nd 14.	nd 190.	.025	.027
23:40-00:40	.7 .015	1.41 .010	nd .000	- 19.7	- 78.	nd 1011.9	nd 14.	nd 191.	.023	.026
84/07/06										
00:10-01:10	.7 .013	1.41 .010	nd .000	- 19.9	- 77.	nd 1012.0	nd 14.	nd 196.	.020	.024
00:40-01:40	.8 .013	1.43 .010	nd .000	- 20.1	- 77.	nd 1011.9	nd 15.	nd 197.	.020	.024
01:10-02:10	.7 .014	1.44 .011	nd .000	- 20.2	- 78.	nd 1011.9	nd 15.	nd 197.	.022	.024
01:40-02:40	.6 .016	1.41 .010	nd .000	- 20.3	- 79.	nd 1012.0	nd 15.	nd 197.	.026	.025
02:10-03:10	.6 .016	1.41 .010	nd .000	- 20.1	- 81.	nd 1011.6	nd 12.	nd 191.	.028	.028
02:40-03:40	.6 .016	1.41 .009	nd .000	- 20.0	- 81.	nd 1011.2	nd 9.	nd 199.	.028	.028
03:10-04:10	.7 .014	1.48 .008	nd .000	- 20.3	- 81.	nd 1011.6	nd 5.	nd 220.	.022	.022
03:40-04:40	.8 .008	1.62 .010	nd .000	- 20.3	- 82.	.01 1011.5	.01 4.	nd 202.	.012	.012
04:10-05:10	.9 .005	1.70 .015	nd .000	- 20.3	- 82.	.02 1011.2	.02 5.	nd 193.	.007	.007
04:40-05:40	.8 .007	1.62 .015	nd .000	- 20.6	- 82.	.01 1011.1	.01 9.	nd 174.	.010	.010
05:10-06:10	.8 .011	1.45 .012	nd .000	- 20.6	- 82.	nd 1011.0	nd 13.	nd 177.	.017	.017
05:40-06:40	.6 .013	1.37 .009	nd .000	- 20.6	- 82.	nd 1011.0	nd 11.	nd 188.	.021	.021
06:10-07:10	.6 .014	1.37 .008	nd .000	- 20.5	- 84.	nd 1010.9	nd 5.	nd 233.	.021	.021

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
06:40-07:40	-	-	-	-	-	-	-	-	-	-
07:10-08:10	-	-	-	-	-	-	-	-	-	-
07:40-08:40	-	-	-	-	-	-	-	-	-	-
08:10-09:10	-	-	-	-	-	-	-	-	-	-
08:40-09:40	-	-	-	-	-	-	-	-	-	-
09:10-10:10	.9 -	1.19 -	nd .013	- 19.6	- 88.	nd 1010.9	nd 17.	nd 174.	.030	-
09:40-10:40	1.0 .014	1.40 .006	.01 .011	- 19.4	- 86.	nd 1011.0	nd 18.	nd 190.	.025	.022
10:10-11:10	1.2 .012	1.45 .006	.02 .011	- 19.5	- 82.	nd 1011.0	nd 18.	nd 200.	.019	.020
10:40-11:40	1.5 .013	1.37 .006	.02 .019	- 20.2	- 80.	nd 1011.0	nd 16.	nd 199.	.022	.018
11:10-12:10	1.2 .014	1.27 .006	.02 .027	- 21.3	- 78.	nd 1011.0	nd 9.	nd 212.	.025	.019
11:40-12:40	1.2 .016	1.34 .008	.02 .036	- 22.9	- 72.	nd 1011.0	nd 6.	nd 257.	.028	.022
12:10-13:10	1.3 .021	1.40 .008	.02 .041	- 24.2	- 66.	nd 1011.0	nd 6.	nd 288.	.035	.026
12:40-13:40	1.1 .023	1.35 .006	.01 .039	- 24.3	- 65.	nd 1011.0	nd 4.	nd 306.	.039	.028
13:10-14:10	1.9 .024	1.43 .005	.01 .047	- 24.8	- 63.	nd 1010.6	nd 5.	nd 278.	.042	.028
13:40-14:40	3.1 .025	1.45 .008	.01 .044	- 25.1	- 60.	nd 1010.1	nd 5.	nd 272.	.044	.033
14:10-15:10	2.1 .025	1.33 .011	.01 .030	- 24.1	- 63.	nd 1010.0	nd 4.	nd 314.	.043	.035
14:40-15:40	.8 .025	1.29 .011	.01 .059	- 24.0	- 64.	nd 1009.7	nd 4.	nd 319.	.042	.035

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
15:10-16:10	.7 .025	1.28 .011	.01 .069	- 26.0	- 58.	nd 1009.3	nd 4.	nd 294.	.043	.035
15:40-16:40	1.0 .025	1.32 .011	.01 .053	- 24.8	- 66.	nd 1009.1	nd 3.	nd 289.	.042	.032
16:10-17:10	5.0 .024	1.32 .010	.01 .052	- 23.9	- 70.	nd 1009.1	nd 1.	nd 282.	.041	.035
16:40-17:40	6.0 .024	1.32 .009	.01 .040	- 25.7	- 59.	nd 1009.0	nd 2.	nd 308.	.040	.033
17:10-18:10	2.7 .023	1.36 .008	.01 .030	- 25.2	- 57.	nd 1009.0	nd 5.	nd 322.	.036	.032
17:40-18:40	1.2 .023	1.37 .005	.01 .035	- 24.7	- 55.	nd 1009.3	nd 8.	nd 323.	.034	.028
18:10-19:10	.5 .023	1.36 nd	nd .032	- 24.5	- 52.	nd 1009.8	nd 11.	nd 318.	.035	.027
18:40-19:40	.6 .023	1.35 nd	nd .022	- 23.7	- 51.	nd 1010.0	nd 11.	nd 317.	.035	.027
19:10-20:10	.6 .021	1.35 nd	nd .013	- 21.8	- 56.	nd 1010.2	nd 17.	nd 326.	.031	.025
19:40-20:40	1.1 .018	1.35 nd	nd .007	- 19.8	- 61.	nd 1010.7	nd 23.	nd 329.	.027	.025
20:10-21:10	1.5 .017	1.35 nd	nd .002	- 18.5	- 61.	nd 1011.2	nd 22.	nd 330.	.024	.020
20:40-21:40	1.3 .016	1.35 nd	nd .000	- 17.6	- 61.	nd 1011.7	nd 18.	nd 330.	.024	.019
21:10-22:10	.9 .016	1.34 nd	nd .000	- 16.9	- 61.	nd 1012.4	nd 12.	nd 327.	.024	.018
21:40-22:40	.7 .016	1.33 nd	nd .000	- 16.4	- 62.	nd 1013.0	nd 11.	nd 320.	.024	.018
22:10-23:10	.7 .016	1.33 nd	nd .000	- 15.8	- 63.	nd 1013.6	nd 12.	nd 316.	.024	.018
22:40-23:40	.7 .016	1.33 nd	nd .000	- 15.2	- 64.	nd 1014.1	nd 12.	nd 312.	.025	.018
23:10-00:10	.6 .017	1.33 nd	nd .000	- 14.6	- 64.	nd 1014.6	nd 13.	nd 303.	.026	.020

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
23:40-00:40	.5 .017	1.32 .004	nd .000	- 14.3	- 63.	nd 1015.0	nd 13.	nd 297.	.027	.021
84/07/07 00:10-01:10	.5 .017	1.32 nd	nd .000	- 14.1	- 61.	nd 1015.0	nd 15.	nd 295.	.028	.021
00:40-01:40	.6 .017	1.32 nd	nd .000	- 13.8	- 62.	nd 1015.1	nd 15.	nd 294.	.027	.021
01:10-02:10	.7 .016	1.32 nd	nd .000	- 13.4	- 63.	nd 1015.5	nd 13.	nd 294.	.026	.020
01:40-02:40	.5 .016	1.32 nd	nd .000	- 13.1	- 65.	nd 1016.0	nd 13.	nd 293.	.025	.019
02:10-03:10	.5 .016	1.32 nd	nd .000	- 12.8	- 65.	nd 1016.0	nd 14.	nd 295.	.024	.018
02:40-03:40	.5 .016	1.32 nd	nd .000	- 12.6	- 66.	nd 1016.1	nd 14.	nd 297.	.024	.018
03:10-04:10	.5 .016	1.32 nd	nd .000	- 12.5	- 67.	nd 1016.5	nd 15.	nd 296.	.024	.018
03:40-04:40	.5 .016	1.32 nd	nd .000	- 12.2	- 67.	nd 1017.1	nd 14.	nd 295.	.025	.018
04:10-05:10	.5 .016	1.32 nd	nd .000	- 12.0	- 68.	nd 1017.6	nd 13.	nd 290.	.025	.018
04:40-05:40	.5 .015	1.32 nd	nd .000	- 11.7	- 69.	nd 1018.0	nd 14.	nd 285.	.025	.018
05:10-06:10	.6 .015	1.32 nd	nd .000	- 11.7	- 69.	nd 1018.3	nd 16.	nd 287.	.024	.018
05:40-06:40	.6 .016	1.32 nd	nd .001	- 11.9	- 69.	nd 1018.7	nd 17.	nd 288.	.024	.018
06:10-07:10	.6 .015	1.32 nd	nd .005	- 12.4	- 68.	nd 1019.0	nd 18.	nd 287.	.024	.018
06:40-07:40	.8 .015	1.31 nd	nd .007	- 12.8	- 67.	nd 1019.2	nd 20.	nd 288.	.024	.018
07:10-08:10	.6 .015	1.28 nd	nd .016	- 13.8	- 66.	nd 1019.6	nd 20.	nd 289.	.023	.018
07:40-08:40	.5 .016	- nd	nd .029	- 15.1	- 63.	nd 1019.9	nd 21.	nd 289.	.023	.017

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
08:10-09:10	.6 .015	- nd	nd .038	- 15.8	- 61.	nd 1020.0	nd 21.	nd 293.	.022	.017
08:40-09:40	.4 .015	1.60 nd	nd .043	- 16.2	- 61.	nd 1020.0	nd 20.	nd 297.	.020	.017
09:10-10:10	.4 -	1.58 -	nd .048	- 16.5	- 61.	nd 1020.1	nd 19.	nd 300.	.019	.017
09:40-10:40	.3 -	1.56 -	nd .062	- 17.4	- 59.	nd 1020.4	nd 17.	nd 303.	.020	.017
10:10-11:10	.4 .016	1.58 nd	nd .059	- 17.9	1.57 59.	nd 1020.8	nd 16.	nd 305.	.022	.017
10:40-11:40	.5 .016	1.61 nd	nd .055	- 18.0	1.57 58.	nd 1021.0	nd 13.	nd 307.	.022	.017
11:10-12:10	.5 .016	1.62 nd	nd .047	- 18.0	1.56 58.	nd 1021.0	nd 10.	nd 309.	.023	.017
11:40-12:40	.4 .016	1.63 nd	.01 .026	- 16.9	1.60 61.	nd 1021.1	nd 9.	nd 310.	.024	.018
12:10-13:10	.4 .017	1.60 nd	nd .019	- 16.6	1.61 61.	nd 1021.1	nd 9.	nd 314.	.024	.018
12:40-13:40	.4 .017	1.56 nd	nd .027	- 17.2	1.57 60.	nd 1021.0	nd 10.	nd 325.	.023	.019
13:10-14:10	.4 .017	1.53 nd	nd .029	- 17.6	1.52 58.	nd 1021.1	nd 10.	nd 330.	.024	.019
13:40-14:40	.5 .017	1.55 nd	nd .029	- 18.3	1.54 56.	nd 1021.6	nd 6.	nd 323.	.025	.019
14:10-15:10	.6 .017	1.53 nd	nd .039	- 19.5	1.52 53.	nd 1021.9	nd 5.	nd 305.	.025	.020
14:40-15:40	.5 .018	1.50 nd	nd .040	- 20.6	1.44 51.	nd 1022.0	nd 6.	nd 298.	.027	.021
15:10-16:10	.4 .019	1.49 nd	nd .052	- 21.5	1.42 49.	nd 1022.0	nd 5.	nd 303.	.027	.022
15:40-16:40	.4 .024	1.48 nd	nd .072	- 22.5	1.39 46.	nd 1022.0	nd 5.	nd 317.	.028	.025
16:10-17:10	.5 .026	1.52 nd	nd .062	- 22.7	1.42 45.	nd 1022.0	nd 4.	nd 319.	.029	.026

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
16:40-17:40	.5 .026	1.60 nd	nd .041	- 22.5	1.52 45.	nd 1022.0	nd 2.	nd 304.	.029	.027
17:10-18:10	.4 .026	1.65 nd	nd .029	- 21.7	1.60 47.	nd 1022.0	nd 1.	nd 305.	.029	.028
17:40-18:40	.4 .026	1.63 nd	nd .027	- 21.4	1.57 47.	nd 1022.0	nd 1.	nd 351.	.029	.027
18:10-19:10	.7 .026	1.62 nd	nd .026	- 21.5	1.57 47.	nd 1021.7	nd 1.	nd 350.	.031	.028
18:40-19:40	.8 .026	1.66 .004	nd .020	- 21.4	1.64 49.	nd 1021.4	nd 0.	nd 332.	.031	.030
19:10-20:10	.4 .025	1.67 .004	nd .012	- 20.5	1.66 51.	nd 1021.2	nd 0.	nd 292.	.030	.031
19:40-20:40	.4 .024	1.68 .005	nd .004	- 18.7	1.68 55.	nd 1021.0	nd 0.	nd 287.	.028	.030
20:10-21:10	.4 .023	1.72 .006	nd .002	- 17.2	1.71 61.	nd 1021.0	nd 0.	nd 145.	.025	.030
20:40-21:40	.4 .018	1.71 .006	nd .000	- 15.2	1.73 75.	nd 1021.3	nd 0.	nd 149.	.016	.027
21:10-22:10	.4 .015	1.67 .006	nd .000	- 13.6	1.71 84.	nd 1021.8	nd 1.	nd 202.	.011	.022
21:40-22:40	.4 .014	1.67 .005	nd .000	- 13.1	- 84.	nd 1022.0	nd 2.	nd 203.	.010	.020
22:10-23:10	.4 .012	1.67 .006	nd .000	- 12.4	- 86.	nd 1022.2	nd 1.	nd 202.	.007	.019
22:40-23:40	.4 .011	1.67 .007	nd .000	- 12.1	- 87.	nd 1022.7	nd 3.	nd 199.	.007	.018
23:10-00:10	.5 .009	1.73 .007	nd .000	- 12.2	- 84.	nd 1023.0	nd 5.	nd 199.	.004	.019
23:40-00:40	.5 .005	1.82 .009	nd .000	- 11.6	- 85.	nd 1023.0	nd 2.	nd 194.	nd	.017
84/07/08 00:10-01:10	.5 nd	1.90 .010	nd .000	- 10.8	- 89.	nd 1023.4	nd 0.	nd 35.	nd	.014
00:40-01:40	.5 nd	1.96 .011	nd .000	- 10.8	- 90.	nd 1023.9	nd 1.	nd 179.	nd	.012

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
01:10-02:10	.5 nd	1.98 .010	nd .000	- 11.1	- 89.	nd 1024.0	nd 1.	nd 195.	nd	.012
01:40-02:40	.5 nd	2.01 .010	nd .000	- 11.2	2.00 87.	nd 1024.0	nd 1.	nd 206.	nd	.013
02:10-03:10	.5 nd	2.03 .011	nd .000	- 11.2	2.01 87.	nd 1024.0	nd 1.	nd 208.	nd	.015
02:40-03:40	.5 nd	2.03 .011	nd .000	- 10.8	2.00 89.	nd 1024.1	nd 0.	nd 208.	nd	.015
03:10-04:10	.5 nd	2.03 .012	nd .000	- 10.2	1.98 90.	nd 1024.5	nd 0.	nd 32.	nd	.016
03:40-04:40	.5 nd	2.04 .012	nd .000	- 9.8	1.98 91.	nd 1024.9	nd 0.	nd 224.	nd	.016
04:10-05:10	.5 nd	2.06 .012	nd .000	- 9.4	1.99 92.	nd 1025.0	nd 1.	nd 167.	nd	.015
04:40-05:40	.5 nd	2.08 .011	nd .000	- 8.7	2.02 93.	nd 1025.1	nd 1.	nd 162.	nd	.013
05:10-06:10	.5 nd	2.13 .011	nd .000	- 8.4	2.10 93.	nd 1025.6	nd 1.	nd 188.	nd	.012
05:40-06:40	.5 nd	2.24 .013	nd .002	- 9.3	2.23 90.	nd 1026.0	nd 1.	nd 199.	nd	.013
06:10-07:10	.5 nd	2.33 .011	nd .006	- 11.1	2.33 85.	nd 1026.0	nd 0.	nd 333.	nd	.012
06:40-07:40	.5 nd	2.32 .008	nd .011	- 14.0	2.29 79.	nd 1026.0	nd 0.	nd 212.	nd	.010
07:10-08:10	.6 .005	2.25 .008	nd .020	- 15.9	2.14 77.	nd 1026.5	nd 1.	nd 212.	nd	.012
07:40-08:40	.5 .010	2.10 .007	nd .032	- 17.5	1.96 74.	nd 1027.0	nd 1.	nd 233.	.008	.015
08:10-09:10	.5 .013	1.86 .004	nd .043	- 20.1	1.77 66.	nd 1027.0	nd 1.	nd 282.	.012	.016
08:40-09:40	.4 .018	1.64 nd	nd .052	- 21.6	1.57 59.	nd 1027.0	nd 1.	nd 308.	.018	.019
09:10-10:10	.3 .022	1.52 nd	nd .060	- 21.8	1.44 53.	nd 1027.0	nd 2.	nd 343.	.024	.023

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx - Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
09:40-10:40	.3 .024	1.50 nd	nd .068	- 21.8	1.42 51.	nd 1027.0	nd 3.	nd 341.	.027	.026
10:10-11:10	.3 .025	1.51 nd	nd .075	- 22.4	1.41 48.	nd 1026.6	nd 4.	nd 339.	.028	.027
10:40-11:40	.3 .025	1.50 nd	nd .081	- 22.7	1.40 45.	nd 1026.5	nd 6.	nd 349.	.029	.027
11:10-12:10	.3 .026	1.50 nd	nd .086	- 22.7	1.38 43.	nd 1026.6	nd 6.	nd 348.	.030	.027
11:40-12:40	.3 .026	1.51 nd	nd .090	- 22.7	1.34 41.	nd 1026.6	nd 7.	nd 349.	.030	.026
12:10-13:10	1.9 .028	1.54 nd	nd .092	- 23.2	1.36 40.	nd 1026.4	nd 7.	nd 350.	.030	.027
12:40-13:40	2.2 .034	1.56 nd	nd .094	- 23.9	1.40 40.	nd 1026.1	nd 5.	nd 348.	.034	.032
13:10-14:10	.8 .039	1.58 nd	nd .095	- 24.3	1.40 41.	nd 1026.0	nd 6.	nd 349.	.037	.039
13:40-14:40	.4 .040	1.60 nd	nd .093	- 25.0	1.42 41.	nd 1025.7	nd 6.	nd 348.	.038	.040
14:10-15:10	- -	- -	- -	- -	- -	- -	- -	- -	-	-
14:40-15:40	- -	- -	- -	- -	- -	- -	- -	- -	-	-
15:10-16:10	- -	- -	- -	nd -	- -	- -	- -	- -	-	-
15:40-16:40	- -	- -	- -	- -	- -	- -	- -	- -	-	-
16:10-17:10	.4 .045	1.73 nd	nd .084	- 27.1	1.56 38.	nd 1024.1	nd 1.	nd 166.	.045	.046
16:40-17:40	.5 .050	1.82 nd	.01 .078	- 27.4	1.68 38.	nd 1023.5	nd 2.	nd 183.	.051	.052
17:10-18:10	.5 .056	1.84 .006	.02 .071	- 27.1	1.70 39.	nd 1023.0	nd 5.	nd 179.	.059	.060
17:40-18:40	.5 .058	1.81 .007	.02 .064	- 27.1	1.67 39.	nd 1022.5	nd 7.	nd 165.	.062	.065

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone T
18:10-19:10	.7 .055	1.78 .007	.03 .056	- 26.7	1.64 40.	nd 1022.0	nd 12.	nd 162.	.057	.02
18:40-19:40	.8 .054	1.81 .006	.04 .045	- 25.4	1.66 43.	nd 1021.5	nd 17.	nd 163.	.052	.0
19:10-20:10	.8 .050	1.85 .004	.03 .030	- 24.4	1.71 45.	nd 1021.0	nd 18.	nd 151.	.046	.08
19:40-20:40	.7 .046	1.82 nd	.03 .021	- 23.4	1.73 47.	nd 1021.0	nd 16.	nd 147.	.041	.02
20:10-21:10	.6 .043	1.77 nd	.02 .016	- 22.7	1.72 49.	nd 1021.0	nd 13.	nd 150.	.039	.09
20:40-21:40	.5 .042	1.72 .005	.02 .007	- 21.6	- 54.	nd 1020.9	nd 13.	nd 164.	.042	.048
21:10-22:10	.5 .040	1.69 .006	.02 .002	- 19.9	- 60.	nd 1020.8	nd 11.	nd 178.	.042	.047
21:40-22:40	.5 .035	1.69 .007	.01 .000	- 18.6	- 64.	nd 1020.8	nd 11.	nd 173.	.036	.045
22:10-23:10	.4 .032	1.69 .010	.01 .000	- 18.0	- 66.	nd 1020.9	nd 13.	nd 173.	.035	.041
22:40-23:40	.4 .033	1.70 .009	.01 .000	- 17.8	- 65.	nd 1020.9	nd 15.	nd 173.	.036	.041
23:10-00:10	.4 .036	1.71 .006	.01 .000	- 17.6	- 65.	nd 1021.0	nd 15.	nd 173.	.038	.043
23:40-00:40	.4 .036	1.71 .007	.01 .000	- 17.2	- 66.	nd 1021.0	nd 16.	nd 171.	.039	.043
84/07/09										
00:10-01:10	.4 .035	1.71 .009	nd .000	- 17.0	- 68.	nd 1021.0	nd 18.	nd 167.	.041	.044
00:40-01:40	.4 .033	1.72 .010	nd .000	- 16.8	- 69.	nd 1021.0	nd 19.	nd 166.	.041	.044
01:10-02:10	.4 .030	1.71 .010	nd .000	- 16.6	- 70.	nd 1021.0	nd 18.	nd 172.	.040	.043
01:40-02:40	.4 .027	1.71 .012	nd .000	- 16.4	- 70.	nd 1021.2	nd 14.	nd 178.	.037	.041
02:10-03:10	.4 .025	1.72 .013	nd .000	- 16.2	- 70.	nd 1021.4	nd 13.	nd 180.	.035	.049

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
02:40-03:40	.4 .025	1.71 .013	nd .000	- 16.0	- 70.	nd 1021.3	nd 14.	nd 180.	.035	.038
03:10-04:10	.4 .026	1.72 .013	nd .000	- 15.8	- 71.	nd 1021.1	nd 13.	nd 178.	.036	.038
03:40-04:40	.4 .026	1.73 .014	nd .000	- 16.0	- 72.	nd 1021.2	nd 12.	nd 177.	.036	.039
04:10-05:10	.4 .025	1.73 .013	nd .000	- 16.3	- 72.	nd 1021.6	nd 12.	nd 176.	.035	.038
04:40-05:40	.4 .024	1.72 .012	nd .000	- 16.5	- 73.	nd 1021.9	nd 11.	nd 176.	.034	.037
05:10-06:10	.4 .023	1.70 .011	nd .000	- 16.5	- 74.	nd 1022.0	nd 11.	nd 174.	.032	.036
05:40-06:40	.4 .023	1.68 .010	nd .000	- 16.6	- 75.	nd 1022.0	nd 11.	nd 173.	.031	.034
06:10-07:10	.4 .023	1.68 .009	nd .000	- 16.4	- 76.	nd 1022.0	nd 11.	nd 172.	.030	.032
06:40-07:40	.4 .022	1.69 .007	nd .000	- 16.4	- 77.	nd 1022.1	nd 13.	nd 171.	.028	.029
07:10-08:10	.5 .020	1.71 .006	nd .001	- 16.8	- 77.	nd 1022.1	nd 16.	nd 169.	.026	.027
07:40-08:40	.5 .019	1.72 .007	nd .004	- 17.2	- 77.	nd 1022.0	nd 18.	nd 167.	.026	.028
08:10-09:10	.6 .020	1.72 .008	nd .013	- 18.7	1.73 73.	nd 1022.0	nd 19.	nd 170.	.027	.027
08:40-09:40	.6 .022	1.68 .011	nd .029	- 21.0	1.65 68.	nd 1022.0	nd 21.	nd 175.	.028	.031
09:10-10:10	.6 .025	1.64 .013	nd .035	- 21.9	1.60 67.	nd 1022.0	nd 21.	nd 179.	.032	.036
09:40-10:40	.6 .030	1.67 .012	nd .033	- 22.1	1.68 67.	nd 1022.0	nd 22.	nd 186.	.036	.040
10:10-11:10	.5 .034	1.68 .009	nd .033	- 22.4	1.72 65.	nd 1022.0	nd 26.	nd 191.	.039	.042
10:40-11:40	.5 .038	1.68 .007	nd .028	- 22.1	1.73 65.	nd 1021.8	nd 24.	nd 195.	.040	.044

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
11:10-12:10	.5 .039	1.73 .006	nd .033	- 22.1	1.77 65.	nd 1021.3	nd 24.	nd 197.	.042	-
11:40-12:40	.5 .042	1.69 .006	nd .051	- 23.2	1.69 62.	nd 1021.0	nd 28.	nd 194.	.045	-
12:10-13:10	.5 .042	1.68 .009	.01 .042	nd 23.3	1.67 61.	nd 1020.9	nd 28.	nd 197.	.048	-
12:40-13:40	.5 .042	1.75 .011	.01 .023	nd 22.6	1.74 62.	nd 1020.5	nd 27.	nd 197.	.048	.052
13:10-14:10	.5 .044	1.74 .010	.01 .019	nd 22.4	1.75 63.	nd 1019.9	nd 27.	nd 191.	.045	.053
13:40-14:40	.5 .043	1.73 .009	.01 .024	nd 22.6	1.72 64.	nd 1019.4	nd 29.	nd 185.	.043	.052
14:10-15:10	.5 .044	1.65 .008	.01 .049	nd 23.8	1.63 62.	nd 1018.5	nd 35.	nd 181.	.043	.051
14:40-15:40	.5 .046	1.58 .008	.02 .078	nd 24.9	1.56 59.	nd 1018.0	nd 41.	nd 184.	.048	.052
15:10-16:10	.6 .050	1.58 .008	.03 .087	nd 25.1	1.54 57.	nd 1017.4	nd 43.	nd 189.	.055	.053
15:40-16:40	.6 .056	1.61 .009	.03 .080	nd 25.3	1.57 56.	nd 1016.7	nd 43.	nd 188.	.063	.054
16:10-17:10	.7 .059	1.66 .008	.03 .068	nd 25.1	1.62 57.	nd 1016.3	nd 41.	nd 189.	.067	.056
16:40-17:40	.8 .059	1.67 .007	.03 .066	nd 24.7	1.62 58.	nd 1016.0	nd 39.	nd 192.	.069	.058
17:10-18:10	.8 .059	1.68 .007	.03 .068	nd 24.4	1.63 59.	nd 1015.5	nd 42.	nd 192.	.072	.059
17:40-18:40	.8 .059	1.72 .008	.03 .054	nd 23.7	1.67 61.	nd 1015.5	nd 40.	nd 198.	.077	.060
18:10-19:10	.8 .059	1.77 .011	.03 .036	nd 22.8	1.70 64.	nd 1016.0	nd 32.	nd 211.	.081	.061
18:40-19:40	.8 .059	1.76 .012	.03 .034	nd 22.3	1.70 68.	nd 1015.7	nd 29.	nd 213.	.086	.071
19:10-20:10	.8 .059	1.75 .013	.02 .029	nd 22.4	1.71 69.	nd 1015.2	nd 30.	nd 201.	.089	.072

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
19:40-20:40	.7 .058	1.76 .014	.02 .012	nd 21.9	1.72 72.	nd 1015.0	nd 28.	nd 198.	.082 *	.073
20:10-21:10	.7 .055	1.76 .014	.02 .004	nd 21.3	1.73 75.	nd 1014.9	nd 25.	nd 195.	.072	.071
20:40-21:40	.6 .052	1.78 .016	.02 .002	nd 21.0	1.75 78.	nd 1014.4	nd 26.	nd 186.	.064	.069
21:10-22:10	.6 .052	1.78 .016	.01 .001	nd 20.7	1.76 78.	nd 1014.0	nd 29.	nd 182.	.063	.068
21:40-22:40	.6 .052	1.76 .016	.01 .001	nd 20.4	1.75 79.	nd 1013.6	nd 29.	nd 181.	.064	.068
22:10-23:10	.6 .052	1.77 .016	nd .000	nd 20.3	1.75 79.	nd 1014.0	nd 22.	nd 187.	.064	.068
22:40-23:40	.6 .050	1.77 .015	nd .000	nd 20.2	1.76 80.	nd 1014.8	nd 15.	nd 199.	.062	.067
23:10-00:10	.6 .047	1.80 .015	nd .000	nd 20.0	1.77 82.	nd 1015.0	nd 13.	nd 187.	.059	.064
23:40-00:40	.6 .045	1.82 .017	nd .000	nd 19.9	1.79 83.	nd 1015.0	nd 13.	nd 177.	.057	.062
84/07/10										
00:10-01:10	.6 .044	1.84 .017	nd .000	nd 19.8	1.81 83.	nd 1015.2	nd 14.	nd 177.	.055	.061
00:40-01:40	.6 .041	1.87 .016	nd .000	nd 19.6	1.82 85.	nd 1015.0	nd 19.	nd 174.	.053	.059
01:10-02:10	.6 .040	1.87 .015	nd .000	nd 19.4	1.83 87.	nd 1014.3	nd 23.	nd 174.	.049	.056
01:40-02:40	.7 .039	1.87 .014	nd .000	nd 19.1	1.82 90.	nd 1014.7	nd 18.	nd 190.	.047	.053
02:10-03:10	.6 .036	1.88 .013	nd .000	nd 19.1	1.80 96.	nd 1014.9	nd 8.	nd 203.	.045	.052
02:40-03:40	.6 .031	1.85 .014	nd .000	nd 19.3	1.77 100.	nd 1014.2	nd 5.	nd 144.	.041	.049
03:10-04:10	.6 .030	1.74 .015	nd .000	nd 19.4	1.71 99.	nd 1013.9	nd 11.	nd 164.	.041	.046
03:40-04:40	.7 .034	1.65 .014	nd .000	nd 19.7	1.67 97.	nd 1013.8	nd 15.	nd 178.	.043	.047

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-F
04:10-05:10	.8 .035	1.69 .012	nd .000	nd 19.7	1.70 96.	nd 1013.8	nd 16.	nd 185.	.044	.048
04:40-05:40	.6 .034	1.72 .012	nd .000	nd 19.7	1.72 96.	nd 1013.4	nd 16.	nd 186.	.044	.047
05:10-06:10	.6 .034	1.68 .014	nd .000	nd 20.0	1.68 95.	nd 1013.1	nd 15.	nd 192.	.045	.047
05:40-06:40	.6 .035	1.66 .013	nd .000	nd 20.1	1.67 95.	nd 1013.0	nd 16.	nd 196.	.045	.049
06:10-07:10	.7 .033	1.71 .012	nd .000	nd 20.0	1.70 95.	nd 1013.2	nd 14.	nd 195.	.043	.048
06:40-07:40	.7 .029	1.75 .014	nd .000	nd 19.9	1.73 95.	nd 1013.7	nd 14.	nd 196.	.040	.045
07:10-08:10	.6 .026	1.79 .016	nd .000	nd 20.0	1.75 94.	nd 1014.1	nd 13.	nd 197.	.037	.043
07:40-08:40	1.0 .025	1.79 .016	nd .005	nd 20.3	1.74 93.	nd 1014.5	nd 12.	nd 205.	.034	.041
08:10-09:10	1.2 .024	1.76 .015	nd .009	nd 21.5	1.69 90.	nd 1014.8	nd 6.	nd 225.	.033	.040
08:40-09:40	.9 .023	1.78 .016	nd .004	nd 21.9	1.68 89.	nd 1014.1	nd 3.	nd 349.	.032	.041
09:10-10:10	.8 .020	1.79 .014	nd .006	nd 21.4	1.70 91.	nd 1013.7	nd 2.	nd 242.	.031	.047
09:40-10:40	1.1 .010	1.89 .012	nd .018	nd 22.6	1.69 89.	nd 1013.9	nd 7.	nd 219.	.034	.043
10:10-11:10	1.4 nd	2.02 .008	.02 .024	nd 24.2	1.69 86.	nd 1013.9	nd 6.	nd 222.	.040	.049
10:40-11:40	1.3 nd	1.95 nd	.02 .034	nd 25.6	1.65 82.	nd 1014.0	nd 4.	nd 234.	.044	nd
11:10-12:10	1.2 nd	1.72 nd	.02 .057	nd 28.9	1.59 73.	nd 1014.0	nd 2.	nd 283.	.051	nd
11:40-12:40	.9 .012	1.67 .009	.02 .060	nd 31.7	1.60 64.	nd 1014.0	nd 3.	nd 299.	.054	.010
12:10-13:10	.8 .021	1.76 .009	.02 .038	nd 31.1	1.69 65.	nd 1013.7	nd 2.	nd 290.	.052	.022

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
12:40-13:40	.8 -	1.77 -	.02 .021	nd 29.8	1.73 68.	nd 1013.3	nd 1.	nd 290.	.047	-
13:10-14:10	.8 -	1.72 -	.01 .027	nd 29.5	1.70 67.	nd 1012.7	nd 2.	nd 298.	.047	-
13:40-14:40	.7 -	1.60 -	.01 .045	nd 30.3	1.61 64.	nd 1011.7	nd 2.	nd 313.	.050	-
14:10-15:10	.7 -	1.53 -	.01 .061	nd 30.0	1.53 65.	nd 1011.0	nd 7.	nd 346.	.051	-
14:40-15:40	.7 -	1.55 -	.01 .074	nd 29.3	1.53 68.	nd 1010.9	nd 13.	nd 359.	.053	-
15:10-16:10	.7 -	1.63 -	.02 .065	nd 28.9	1.60 70.	nd 1010.4	nd 16.	nd 11.	.054	-
15:40-16:40	.9 -	1.73 -	.02 .051	nd 27.5	1.70 73.	nd 1009.8	nd 20.	nd 20.	.056	-
16:10-17:10	.9 -	1.70 -	.02 .057	nd 27.8	1.67 73.	nd 1009.4	nd 16.	nd 26.	.056	-
16:40-17:40	.7 -	1.70 -	.01 .039	nd 28.5	1.67 73.	nd 1008.7	nd 8.	nd 41.	.053	-
17:10-18:10	.8 -	1.79 -	.01 .014	nd 26.9	1.76 78.	nd 1008.2	nd 7.	nd 27.	.051	-
17:40-18:40	.9 -	1.80 -	.01 .009	nd 24.3	1.79 84.	nd 1008.3	nd 16.	nd 11.	.056	-
18:10-19:10	1.0 -	1.79 -	nd .005	nd 22.8	1.80 86.	nd 1008.4	nd 18.	nd 18.	.061	-
18:40-19:40	1.0 -	1.77 -	nd .008	nd 23.1	1.80 87.	nd 1008.2	nd 10.	nd 33.	.056	-
19:10-20:10	1.0 -	1.76 -	nd .009	nd 23.3	1.79 88.	nd 1008.0	nd 7.	nd 29.	.051	-
19:40-20:40	1.2 -	1.76 -	nd .004	nd 21.9	1.79 91.	nd 1008.0	nd 10.	nd 18.	.049	-
20:10-21:10	2.5 -	1.76 -	nd .002	nd 21.1	1.80 92.	nd 1008.5	nd 6.	nd 29.	.047	-
20:40-21:40	2.8 -	1.82 -	nd .000	nd 21.4	1.81 92.	nd 1009.0	nd 2.	nd 79.	.040	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
21:10-22:10	3.0 -	1.87 -	nd .000	nd 21.5	1.83 93.	nd 1009.0	nd 1.	nd 106.	.035	
21:40-22:40	2.5 -	1.86 -	nd .000	nd 21.4	1.83 93.	nd 1009.0	nd 4.	nd 122.	.034	
22:10-23:10	.9 -	1.83 -	nd .000	nd 21.3	1.82 93.	nd 1008.9	nd 8.	nd 126.	.032	
22:40-23:40	.7 -	1.78 -	nd .000	nd 21.5	1.81 93.	nd 1008.5	nd 11.	nd 139.	.035	
23:10-00:10	.7 -	1.72 -	nd .000	nd 21.8	1.78 92.	nd 1008.0	nd 18.	nd 149.	.038	
23:40-00:40	.7 -	1.67 -	nd .000	nd 22.3	1.73 92.	nd 1007.8	nd 20.	nd 156.	.038	
84/07/11										
00:10-01:10	.6 -	1.64 -	nd .000	nd 22.7	1.70 91.	nd 1007.7	nd 19.	nd 171.	.033	
00:40-01:40	.6 -	1.59 -	nd .000	nd 23.4	1.65 87.	nd 1007.8	nd 22.	nd 190.	.031	
01:10-02:10	.6 -	1.55 -	nd .000	nd 23.7	1.62 83.	nd 1008.3	nd 14.	nd 233.	.033	
01:40-02:40	.5 -	1.52 -	nd .000	nd 22.4	1.55 86.	nd 1008.8	nd 16.	nd 286.	.036	
02:10-03:10	.5 -	1.51 -	nd .000	nd 20.9	1.32 91.	nd 1008.4	nd 8.	nd 279.	.038	
02:40-03:40	.4 -	1.50 -	nd .000	nd 20.5	1.16 93.	nd 1007.5	nd 0.	nd 189.	.033	
03:10-04:10	.5 -	1.55 -	nd .000	nd 20.4	1.17 93.	nd 1006.6	nd 2.	nd 202.	.027	
03:40-04:40	.5 -	1.60 -	nd .000	nd 20.6	1.17 93.	nd 1006.3	nd 3.	nd 203.	.024	
04:10-05:10	.5 -	1.59 -	nd .000	nd 20.7	1.18 92.	nd 1006.3	nd 3.	nd 201.	.021	
04:40-05:40	.5 -	1.65 -	nd .000	nd 20.8	1.20 92.	nd 1006.1	nd 1.	nd 200.	.021	
05:10-06:10	.6 -	1.78 -	nd .000	nd 21.0	1.22 91.	nd 1006.0	nd 1.	nd 192.	.018	

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
05:40-06:40	.6 -	1.81 -	nd .000	nd 21.0	1.24 90.	nd 1006.1	nd 0.	nd 189.	.016	-
06:10-07:10	.6 -	1.78 -	nd .000	nd 21.0	1.24 91.	nd 1006.6	nd 0.	nd 187.	.018	-
06:40-07:40	.5 -	1.72 -	nd .001	nd 21.1	1.22 92.	nd 1007.0	nd 0.	nd 185.	.021	-
07:10-08:10	.8 -	1.60 -	nd .002	nd 21.2	1.19 93.	nd 1007.1	nd 0.	nd 170.	.025	-
07:40-08:40	1.7 -	1.55 -	nd .004	nd 21.3	1.17 93.	nd 1007.3	nd 0.	nd 164.	.024	-
08:10-09:10	2.1 -	1.54 -	nd .006	nd 21.7	1.15 92.	nd 1007.7	nd 0.	nd 173.	.022	-
08:40-09:40	2.6 -	1.54 -	nd .007	nd 21.8	1.15 93.	nd 1007.8	nd 0.	nd 185.	.023	-
09:10-10:10	2.7 -	1.54 -	nd .007	nd 21.8	1.15 93.	nd 1007.5	nd 0.	nd 186.	.023	-
09:40-10:40	2.9 -	1.51 -	nd .009	nd 22.1	1.14 93.	nd 1007.5	nd 0.	nd 179.	.023	-
10:10-11:10	2.7 -	1.56 -	nd .007	nd 20.5	1.18 95.	nd 1007.8	nd 1.	nd 2.	.035	-
10:40-11:40	1.4 -	1.62 -	nd .005	nd 18.6	1.23 96.	nd 1008.1	nd 1.	nd 1.	.049	-
11:10-12:10	1.0 -	1.62 -	nd .006	nd 18.2	1.24 97.	nd 1008.6	nd 1.	nd 2.	.048	-
11:40-12:40	1.5 -	1.57 -	nd .006	nd 17.9	1.21 97.	nd 1009.4	nd 15.	nd 348.	.044	-
12:10-13:10	3.1 -	1.51 -	nd .007	nd 17.6	1.19 97.	nd 1009.2	nd 32.	nd 348.	.041	-
12:40-13:40	6.6 -	1.51 -	nd .006	nd 17.5	1.20 97.	nd 1008.4	nd 33.	nd 349.	.039	-
13:10-14:10	4.9 -	1.52 -	nd .007	nd 17.6	1.20 97.	nd 1009.0	nd 27.	nd 346.	.037	-
13:40-14:40	1.1 -	1.48 -	.01 .012	nd 17.9	1.16 98.	nd 1009.8	nd 21.	nd 342.	.037	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
14:10-15:10	1.3 -	1.44 -	.01 .019	nd 18.3	1.12 99.	nd 1010.0	nd 13.	nd 339.	.037	-
14:40-15:40	2.0 -	1.39 -	.01 .030	nd 18.9	1.08 99.	nd 1010.0	nd 12.	nd 338.	.039	-
15:10-16:10	2.0 -	1.36 -	.01 .045	nd 19.4	1.05 96.	nd 1010.0	nd 18.	nd 352.	.042	-
15:40-16:40	1.2 -	1.36 -	.01 .063	nd 20.3	1.06 90.	nd 1010.0	nd 22.	nd 0.	.044	-
16:10-17:10	1.1 -	1.38 -	nd .068	nd 21.5	1.08 85.	nd 1010.0	nd 19.	nd 358.	.045	-
16:40-17:40	1.5 -	1.36 -	nd .060	nd 22.9	1.06 80.	nd 1010.0	nd 11.	nd 350.	.045	-
17:10-18:10	2.5 -	1.34 -	.01 .050	nd 25.3	1.03 73.	nd 1010.1	nd 4.	nd 323.	.038	-
17:40-18:40	2.8 -	1.41 -	.01 .041	nd 26.7	1.10 68.	nd 1010.1	nd 4.	nd 292.	.034	-
18:10-19:10	1.9 -	1.50 -	.01 .029	nd 26.7	1.19 66.	nd 1010.0	nd 5.	nd 284.	.033	-
18:40-19:40	1.8 -	1.54 -	.01 .020	nd 26.1	1.23 68.	nd 1010.1	nd 5.	nd 281.	.033	-
19:10-20:10	1.9 -	1.56 -	.01 .011	nd 24.8	1.23 73.	nd 1010.1	nd 3.	nd 271.	.033	-
19:40-20:40	1.4 -	1.58 -	.01 .004	nd 23.5	1.25 79.	nd 1010.1	nd 1.	nd 251.	.032	-
20:10-21:10	1.1 -	1.61 -	.01 .002	nd 22.6	1.26 83.	nd 1010.1	nd 0.	nd 234.	.030	-
20:40-21:40	1.0 -	1.66 -	.01 .000	nd 21.6	1.28 86.	nd 1010.2	nd 1.	nd 255.	.027	-
21:10-22:10	1.3 -	1.68 -	.01 .000	nd 21.1	1.28 84.	nd 1010.7	nd 5.	nd 274.	.024	-
21:40-22:40	1.4 -	1.66 -	.01 .000	nd 20.9	1.27 79.	nd 1011.0	nd 7.	nd 282.	.020	-
22:10-23:10	2.1 -	1.64 -	.01 .000	nd 20.6	1.26 77.	nd 1011.4	nd 5.	nd 291.	.018	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
22:40-23:40	2.8 -	1.63 -	.01 .000	nd 20.3	1.26 79.	nd 1011.9	nd 3.	nd 305.	.016	-
23:10-00:10	1.8 -	1.64 -	.01 .000	nd 19.8	1.26 80.	nd 1012.0	nd 2.	nd 305.	.014	-
23:40-00:40	1.0 -	1.64 -	.01 .000	nd 19.1	1.27 83.	nd 1012.0	nd 2.	nd 306.	.013	-
84/07/12 00:10-01:10	1.1 -	1.67 -	.01 .000	nd 18.6	1.28 84.	nd 1012.1	nd 2.	nd 307.	.012	-
00:40-01:40	1.8 -	1.70 -	.01 .000	nd 18.1	1.29 86.	nd 1012.1	nd 1.	nd 305.	.011	-
01:10-02:10	1.8 -	1.68 -	.01 .000	nd 17.8	1.29 87.	nd 1012.4	nd 1.	nd 299.	.010	-
01:40-02:40	1.1 -	1.66 -	.01 .000	nd 17.8	1.28 87.	nd 1012.8	nd 1.	nd 295.	.010	-
02:10-03:10	1.2 -	1.64 -	.01 .000	nd 17.5	1.25 89.	nd 1012.9	nd 1.	nd 280.	.009	-
02:40-03:40	1.3 -	1.64 -	.01 .000	nd 17.0	1.24 91.	nd 1012.9	nd 1.	nd 274.	.008	-
03:10-04:10	1.2 -	1.67 -	.01 .000	nd 16.3	1.27 92.	nd 1013.0	nd 1.	nd 275.	.007	-
03:40-04:40	1.1 -	1.69 -	.01 .000	nd 16.1	1.29 91.	nd 1013.0	nd 2.	nd 276.	.006	-
04:10-05:10	1.1 -	1.70 -	.01 .000	nd 16.2	1.30 90.	nd 1013.0	nd 3.	nd 278.	.006	-
04:40-05:40	1.1 -	1.71 -	.01 .000	nd 16.0	1.30 89.	nd 1013.2	nd 2.	nd 275.	.005	-
05:10-06:10	1.1 -	1.73 -	.01 .000	nd 15.4	1.31 90.	nd 1013.6	nd 1.	nd 253.	nd	-
05:40-06:40	1.1 -	1.74 -	.01 .001	nd 15.6	1.31 89.	nd 1014.0	nd 1.	nd 256.	nd	-
06:10-07:10	1.1 -	1.73 -	.01 .005	nd 17.0	1.31 84.	nd 1014.0	nd 1.	nd 261.	.004	-
06:40-07:40	1.1 -	1.74 -	.01 .010	nd 18.6	1.30 81.	nd 1014.3	nd 1.	nd 211.	nd	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
07:10-08:10	1.2 -	1.76 -	.01 .019	nd 20.2	1.28 78.	nd 1014.7	nd 2.	nd 206.	nd	
07:40-08:40	1.2 -	1.74 -	.01 .029	nd 21.1	1.22 77.	.01 1015.0	nd 3.	nd 220.	nd	
08:10-09:10	1.4 -	1.68 -	.01 .039	nd 21.7	1.17 76.	.01 1015.0	nd 7.	nd 217.	.005	
08:40-09:40	1.4 -	1.70 -	.01 .048	nd 22.5	1.14 74.	.01 1015.0	nd 10.	nd 218.	.013	
09:10-10:10	1.3 -	1.89 -	.02 .056	nd 23.7	1.17 70.	.02 1015.0	.01 11.	nd 218.	.023	
09:40-10:40	1.3 -	1.96 -	.03 .064	nd 25.4	1.18 66.	.02 1015.0	.02 11.	nd 233.	.030	
10:10-11:10	1.3 -	1.76 -	.03 .068	nd 26.5	1.13 62.	.01 1015.0	nd 12.	nd 242.	.035	
10:40-11:40	1.2 -	1.67 -	.03 .073	nd 26.8	1.12 60.	nd 1014.6	nd 14.	nd 230.	.042	
11:10-12:10	1.2 -	1.68 -	.03 .081	nd 27.4	1.14 60.	nd 1014.1	nd 15.	nd 233.	.048	
11:40-12:40	1.3 -	1.68 -	.04 .084	nd 28.6	1.19 57.	nd 1014.0	nd 14.	nd 245.	.054	
12:10-13:10	1.3 -	1.64 -	.03 .085	nd 29.8	1.24 54.	nd 1014.0	nd 13.	nd 261.	.056	
12:40-13:40	1.3 -	1.53 -	.02 .088	nd 31.1	1.19 51.	nd 1013.7	nd 11.	nd 286.	.055	
13:10-14:10	1.2 -	1.46 -	.02 .091	nd 32.0	1.11 50.	nd 1013.3	nd 9.	nd 303.	.052	
13:40-14:40	1.2 -	1.46 -	.02 .089	nd 32.4	1.10 48.	nd 1013.0	nd 8.	nd 303.	.049	
14:10-15:10	1.3 -	1.48 -	.02 .086	nd 32.7	1.12 47.	nd 1012.6	nd 7.	nd 305.	.051	
14:40-15:40	1.3 -	1.47 -	.03 .082	nd 32.5	1.10 48.	nd 1012.2	nd 5.	nd 316.	.052	
15:10-16:10	1.3 -	1.45 -	.03 .078	nd 31.7	1.07 49.	nd 1012.0	nd 6.	nd 329.	.049	

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
15:40-16:40	1.3 -	1.47 -	.03 .072	nd 31.1	1.10 49.	nd 1011.5	nd 7.	nd 336.	.046	-
16:10-17:10	1.3 -	1.52 -	.03 .061	nd 30.5	1.15 50.	nd 1011.0	nd 8.	nd 341.	.042	-
16:40-17:40	1.3 -	1.58 -	.03 .039	nd 28.4	1.22 55.	nd 1011.0	nd 11.	nd 358.	.042	-
17:10-18:10	1.2 -	1.60 -	.03 .014	nd 25.2	1.28 66.	nd 1010.9	nd 13.	nd 8.	.045	-
17:40-18:40	1.1 -	1.61 -	.02 .005	nd 23.3	1.30 76.	nd 1011.0	nd 7.	nd 3.	.051	-
18:10-19:10	1.1 -	1.63 -	.02 .014	nd 23.4	1.32 75.	nd 1011.0	nd 6.	nd 7.	.055	-
18:40-19:40	- -	- -	- -	- -	- -	- -	- -	- -	-	-
19:10-20:10	- -	- -	- -	- -	- -	- -	- -	- -	-	-
19:40-20:40	- -	- -	- -	- -	- -	- -	- -	- -	-	-
20:10-21:10	- -	- -	- -	- -	- -	- -	- -	- -	-	-
20:40-21:40	- -	- -	- -	- -	- -	- -	- -	- -	-	-
21:10-22:10	- -	- -	- -	- -	- -	- -	- -	- -	-	-
21:40-22:40	- -	- -	- -	- -	- -	- -	- -	- -	-	-
22:10-23:10	- -	- -	- -	- -	- -	- -	- -	- -	-	-
22:40-23:40	- -	- -	- -	- -	- -	- -	- -	- -	-	-
23:10-00:10	- -	- -	- -	- -	- -	- -	- -	- -	-	-
23:40-00:40	- -	- -	- -	- -	- -	- -	- -	- -	-	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone T
84/07/13										
00:10-01:10	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
00:40-01:40	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
01:10-02:10	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
01:40-02:40	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
02:10-03:10	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
02:40-03:40	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
03:10-04:10	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
03:40-04:40	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
04:10-05:10	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
04:40-05:40	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
05:10-06:10	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
05:40-06:40	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
06:10-07:10	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
06:40-07:40	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
07:10-08:10	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
07:40-08:40	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
08:10-09:10	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
08:40-09:40	-	-	-	-	-	-	-	-	-	-
09:10-10:10	-	-	-	-	-	-	-	-	-	-
09:40-10:40	-	-	-	-	-	-	-	-	-	-
10:10-11:10	.8 .064	1.88 .020	.02 .070	.15 28.7	1.83 58.	nd 1018.1	nd 7.	nd 236.	.064	.095
10:40-11:40	.7 .051	1.45 .016	.01 .076	nd 30.2	1.57 54.	nd 1018.8	nd 3.	nd 267.	.053	.077
11:10-12:10	.6 .053	1.34 .012	nd .081	.13 31.3	1.30 53.	nd 1018.7	nd 4.	nd 307.	.051	.057
11:40-12:40	.6 .057	1.33 .012	nd .085	.21 30.7	1.14 54.	nd 1018.0	nd 6.	nd 328.	.051	.062
12:10-13:10	.6 .060	1.35 .017	nd .087	.20 29.8	1.18 55.	nd 1017.7	nd 9.	nd 341.	.055	.067
12:40-13:40	.6 .062	1.43 .016	nd .088	.14 29.2	1.31 56.	nd 1017.2	nd 13.	nd 352.	.055	.068
13:10-14:10	.7 .061	1.43 .006	.01 .086	.13 29.2	1.31 55.	nd 1017.0	nd 12.	nd 354.	.053	.061
13:40-14:40	.7 .059	1.36 nd	.01 .085	.20 30.1	1.19 52.	.03 1016.5	nd 9.	nd 348.	.055	.061
14:10-15:10	.7 .059	1.18 nd	.02 .083	.30 30.5	.98 49.	.03 1016.0	nd 8.	nd 350.	.058	.066
14:40-15:40	.8 .061	1.31 .008	.02 .072	.32 30.7	1.15 48.	nd 1015.9	nd 7.	nd 352.	.059	.068
15:10-16:10	1.0 .063	1.75 .019	.03 .068	.38 31.7	1.45 46.	nd 1015.6	nd 1.	nd 289.	.060	.075
15:40-16:40	1.0 .067	1.89 .020	.03 .069	.45 31.6	1.45 44.	nd 1015.2	nd 13.	nd 199.	.064	.076
16:10-17:10	1.0 .080	1.93 .012	.03 .063	.43 30.3	1.52 45.	nd 1014.8	nd 22.	nd 201.	.076	.075
16:40-17:40	1.0 .089	1.99 .008	.02 .056	.44 29.9	1.58 45.	nd 1014.3	nd 22.	nd 204.	.085	.088

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
17:10-18:10	.9 .088	2.00 .009	.02 .048	.42 29.6	1.61 47.	nd 1014.0	nd 21.	nd 210.	.081	.078
17:40-18:40	.9 .082	1.99 .012	.02 .040	.40 29.2	1.62 50.	nd 1013.8	nd 19.	nd 212.	.079	.077
18:10-19:10	.9 .078	1.97 .008	.02 .028	.38 28.7	1.62 52.	nd 1013.4	nd 18.	nd 205.	.074	.073
18:40-19:40	.9 .073	1.93 .005	.02 .019	.38 28.1	1.59 56.	nd 1013.0	nd 15.	nd 197.	.065	.060
19:10-20:10	.8 .067	1.89 .008	.02 .011	.35 27.0	1.57 62.	nd 1013.0	nd 12.	nd 189.	.053	.055
19:40-20:40	.8 .063	1.91 .013	.01 .004	.33 25.5	1.61 67.	nd 1013.0	nd 11.	nd 183.	.047	.046
20:10-21:10	.7 .058	1.94 .026	.01 .002	.33 24.2	1.64 70.	nd 1013.0	nd 11.	nd 182.	.044	.041
20:40-21:40	.7 .056	1.89 .017	.01 .000	.32 23.0	1.60 71.	nd 1013.0	nd 10.	nd 184.	.042	.047
21:10-22:10	.6 .045	1.83 nd	.01 .000	.30 22.1	1.56 73.	nd 1013.4	nd 11.	nd 184.	.040	.052
21:40-22:40	.6 .036	1.82 .007	.01 .000	.28 21.3	1.56 76.	nd 1013.9	nd 11.	nd 185.	.036	.049
22:10-23:10	.6 .041	1.83 .011	nd .000	.28 21.0	1.57 77.	nd 1014.0	nd 11.	nd 189.	.036	.046
22:40-23:40	.6 .043	1.85 .010	nd .000	.27 20.9	1.60 77.	nd 1014.5	nd 12.	nd 199.	.039	.046
23:10-00:10	.6 .042	1.88 .011	nd .000	.27 20.7	1.63 79.	nd 1014.9	nd 14.	nd 203.	.039	.040
23:40-00:40	.6 .043	1.91 .012	nd .000	.27 20.1	1.65 82.	nd 1015.3	nd 15.	nd 203.	.035	.042
84/07/14										
00:10-01:10	.6 .039	1.93 .013	nd .000	.28 19.7	1.68 84.	nd 1015.8	nd 15.	nd 202.	.032	.050
00:40-01:40	.7 .036	1.95 .017	nd .000	.28 19.5	1.69 85.	nd 1016.4	nd 15.	nd 203.	.032	.049
01:10-02:10	.6 .040	1.96 .016	nd .000	.27 19.3	1.70 86.	nd 1016.9	nd 15.	nd 206.	.037	.049

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
01:40-02:40	.7 .041	1.97 .023	nd .000	.27 19.3	1.72 87.	nd 1017.0	nd 15.	nd 207.	.038	.056
02:10-03:10	.7 .041	1.99 .034	nd .000	.28 19.4	1.72 86.	nd 1017.3	nd 13.	nd 209.	.037	.060
02:40-03:40	.7 .040	2.01 .026	nd .000	.29 19.5	1.73 86.	nd 1017.8	nd 11.	nd 211.	.035	.054
03:10-04:10	.7 .037	2.04 .023	nd .000	.30 19.3	1.75 87.	nd 1018.0	nd 9.	nd 211.	.032	.052
03:40-04:40	.7 .036	2.07 .024	nd .000	.31 19.1	1.78 88.	nd 1018.2	nd 9.	nd 207.	.030	.055
04:10-05:10	.7 .035	2.08 .023	nd .000	.31 18.8	1.79 89.	nd 1018.6	nd 10.	nd 204.	.027	.053
04:40-05:40	.7 .028	2.07 .019	nd .000	.30 18.6	1.79 91.	.01 1019.0	.01 11.	nd 202.	.021	.046
05:10-06:10	.7 .023	2.08 .015	nd .000	.29 18.5	1.80 91.	.01 1019.0	.02 10.	nd 200.	.019	.037
05:40-06:40	.7 .025	2.09 .019	nd .001	.29 18.8	1.81 91.	.01 1019.4	.01 10.	nd 200.	.021	.036
06:10-07:10	.8 .025	2.12 .019	nd .005	.31 19.0	1.82 91.	.01 1019.9	.01 10.	nd 203.	.022	.038
06:40-07:40	.9 .023	2.18 .022	nd .010	.37 20.2	1.82 87.	.01 1020.0	.01 10.	nd 203.	.022	.043
07:10-08:10	1.0 .023	2.24 .025	nd .018	.46 21.8	1.79 83.	.02 1020.0	.02 12.	nd 203.	.021	.043
07:40-08:40	1.1 .029	2.24 .020	nd .028	.54 23.2	1.72 79.	.03 1020.0	.02 13.	nd 205.	.024	.045
08:10-09:10	1.0 .035	2.14 .018	.01 .038	.54 24.6	1.61 75.	.02 1020.0	.02 13.	nd 210.	.032	.051
08:40-09:40	1.1 .038	2.16 .017	.03 .049	.59 25.9	1.58 72.	.03 1020.4	.02 11.	nd 221.	.040	.054
09:10-10:10	1.4 .047	2.47 .011	.04 .049	.84 26.8	1.64 70.	.03 1020.9	.03 10.	nd 231.	.049	.051
09:40-10:40	1.5 .063	2.65 .012	.04 .055	1.00 27.7	1.67 68.	.03 1021.0	.03 10.	nd 233.	.062	.063

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozon
10:10-11:10	1.2 .070	2.45 .011	.04 .068	.89 29.0	1.58 63.	.03 1020.8	.03 10.	nd 234.	.075	.072
10:40-11:40	1.0 .076	2.27 .011	.03 .074	.78 30.5	1.50 58.	.02 1020.6	.02 9.	nd 244.	.087 #	.05
11:10-12:10	1.0 .093	2.17 .019	.03 .078	.70 31.2	1.49 54.	.01 1020.3	.01 9.	nd 243.	.099 #	.04
11:40-12:40	.9 .109	2.13 .018	.03 .081	.66 31.4	1.49 53.	nd 1019.8	nd 10.	nd 231.	.106 #	.05
12:10-13:10	.9 .100	2.05 .019	.03 .083	.60 32.2	1.47 50.	nd 1019.3	nd 9.	nd 237.	.099 #	.04
12:40-13:40	.8 .085	1.90 .018	.02 .081	.49 33.2	1.43 47.	nd 1018.7	nd 8.	nd 248.	.087 #	.07
13:10-14:10	.9 .084	1.89 .007	.03 .084	.48 33.2	1.43 46.	nd 1018.1	nd 11.	nd 238.	.084 #	.081
13:40-14:40	1.0 .087	1.97 .006	.03 .076	.48 32.2	1.52 46.	nd 1017.3	nd 16.	nd 228.	.085 #	.082
14:10-15:10	1.0 .098	2.03 .012	.03 .065	.45 31.5	1.61 47.	nd 1016.4	nd 18.	nd 220.	.096 #	.092
14:40-15:40	1.1 .106	2.05 .010	.03 .063	.44 30.9	1.64 49.	nd 1015.7	nd 20.	nd 221.	.108 #	.100
15:10-16:10	1.2 .113	2.00 .005	.03 .067	.45 31.1	1.58 49.	nd 1015.1	nd 21.	nd 218.	.108 #	.110
15:40-16:40	1.2 .126	1.93 .006	.03 .072	.46 31.5	1.50 49.	nd 1014.5	nd 23.	nd 212.	.111 #	.06
16:10-17:10	1.2 .132	1.93 .006	.03 .064	.45 31.4	1.52 49.	nd 1013.7	nd 23.	nd 210.	.113 #	.04
16:40-17:40	1.1 .128	1.95 nd	.03 .056	.44 31.3	1.54 49.	nd 1013.1	nd 21.	nd 215.	.109 #	.08
17:10-18:10	1.1 .127	1.98 nd	.02 .047	.42 31.0	1.59 49.	nd 1012.6	nd 22.	nd 216.	.105 #	.07
17:40-18:40	1.1 .122	1.98 nd	.02 .036	.41 30.5	1.61 52.	nd 1012.1	nd 21.	nd 212.	.100 #	.06
18:10-19:10	1.1 .112	1.95 nd	.02 .026	.39 30.0	1.60 55.	nd 1011.7	nd 19.	nd 207.	.093 #	.115

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
18:40-19:40	1.1 .106	1.92 nd	.02 .018	.36 29.3	1.59 57.	nd 1011.2	nd 21.	nd 202.	.090 *	.107
19:10-20:10	1.0 .095	1.85 nd	.02 .010	.32 28.4	1.56 59.	nd 1011.0	nd 20.	nd 204.	.089 *	.100
19:40-20:40	.9 -	1.79 -	.03 .004	.27 27.5	1.54 61.	nd 1011.0	nd 16.	nd 201.	.082 *	-
20:10-21:10	.9 -	1.78 -	.04 .002	.25 26.2	1.53 65.	nd 1011.2	nd 13.	nd 197.	.077	-
20:40-21:40	.8 -	1.79 -	.03 .000	.26 24.9	1.54 70.	nd 1011.7	nd 11.	nd 196.	.073	-
21:10-22:10	.8 -	1.83 -	.03 .000	.25 24.0	1.58 73.	nd 1012.0	nd 11.	nd 197.	.067	-
21:40-22:40	.8 -	1.85 -	.02 .000	.24 23.6	1.61 74.	nd 1012.2	nd 12.	nd 200.	.060	-
22:10-23:10	.8 -	1.79 -	.02 .000	.23 23.5	1.57 74.	nd 1012.7	nd 13.	nd 204.	.054	-
22:40-23:40	.8 -	1.88 -	.02 .000	.22 22.9	1.66 76.	nd 1013.0	nd 11.	nd 201.	.050	-
23:10-00:10	.9 -	1.96 -	.02 .000	.21 22.0	1.75 81.	nd 1013.0	nd 10.	nd 191.	.044	-
23:40-00:40	.9 -	1.95 -	.02 .000	.21 21.7	1.74 80.	nd 1013.0	nd 11.	nd 186.	.043	-
84/07/15										
00:10-01:10	.9 -	1.92 -	.02 .000	.21 21.9	1.72 78.	nd 1013.0	nd 13.	nd 184.	.046	-
00:40-01:40	1.0 -	1.87 -	.01 .000	.20 22.0	1.67 76.	nd 1013.2	nd 14.	nd 186.	.047	-
01:10-02:10	.9 -	1.89 -	.01 .000	.21 22.1	1.68 77.	nd 1013.6	nd 12.	nd 194.	.045	-
01:40-02:40	.8 -	1.87 -	.01 .000	.21 21.9	1.66 79.	nd 1014.0	nd 12.	nd 200.	.044	-
02:10-03:10	.7 -	1.86 -	.01 .000	.21 21.7	1.65 81.	nd 1014.0	nd 12.	nd 200.	.043	-
02:40-03:40	.7 -	1.88 -	.01 .000	.21 21.4	1.66 83.	nd 1014.4	nd 12.	nd 199.	.040	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
03:10-04:10	.9 -	1.87 -	.01 .000	.22 21.4	1.64 85.	nd 1014.5	nd 13.	nd 198.	.035	
03:40-04:40	1.1 -	1.89 -	.01 .000	.23 21.7	1.66 84.	nd 1014.2	nd 13.	nd 200.	.032	
04:10-05:10	1.1 -	1.92 -	.01 .000	.24 21.8	1.68 84.	nd 1014.1	nd 13.	nd 201.	.031	
04:40-05:40	1.3 -	1.94 -	.01 .000	.25 21.9	1.69 84.	nd 1014.0	nd 15.	nd 203.	.029	
05:10-06:10	1.3 -	1.97 -	.01 .000	.26 22.0	1.71 83.	nd 1014.0	nd 16.	nd 207.	.028	
05:40-06:40	1.1 -	1.99 -	.01 .000	.26 21.7	1.73 85.	nd 1014.2	nd 14.	nd 206.	.027	
06:10-07:10	1.2 -	2.01 -	.01 .003	.27 21.7	1.74 86.	nd 1014.2	nd 15.	nd 201.	.024	
06:40-07:40	1.2 -	2.01 -	.02 .006	.28 22.2	1.73 84.	nd 1014.1	nd 16.	nd 202.	.022	
07:10-08:10	1.0 -	1.98 -	.02 .011	.30 22.8	1.69 82.	nd 1014.1	nd 16.	nd 203.	.023	
07:40-08:40	1.6 -	1.91 -	.02 .016	.32 23.5	1.59 80.	nd 1014.0	nd 17.	nd 205.	.026	
08:10-09:10	- -	- -	- -	- -	- -	- -	- -	- -	-	
08:40-09:40	- -	- -	- -	- -	- -	- -	- -	- -	-	
09:10-10:10	- -	- -	- -	- -	- -	- -	- -	- -	-	
09:40-10:40	- -	- -	- -	- -	- -	- -	- -	- -	-	
10:10-11:10	1.1 .043	1.79 -	.03 .022	.35 25.2	1.44 75.	nd 1013.0	nd 21.	nd 206.	.042	
10:40-11:40	1.2 .049	2.10 -	.03 .040	.68 26.2	1.41 72.	nd 1013.0	nd 23.	nd 209.	.047	
11:10-12:10	1.1 .058	2.11 -	.03 .056	.73 27.2	1.38 68.	nd 1012.7	nd 26.	nd 215.	.057	

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
11:40-12:40	1.2 .068	1.76 -	.03 .063	.39 27.9	1.37 65.	nd 1012.1	nd 27.	nd 217.	.064	-
12:10-13:10	1.8 .076	1.77 -	.04 .048	.31 27.8	1.46 64.	nd 1011.5	nd 28.	nd 217.	.070	-
12:40-13:40	1.8 .080	1.82 -	.04 .019	.28 26.7	1.54 66.	nd 1011.0	nd 25.	nd 215.	.072	-
13:10-14:10	1.2 .078	1.82 -	.03 .011	.27 25.8	1.55 69.	nd 1010.4	nd 22.	nd 209.	.070	-
13:40-14:40	1.2 .071	1.76 -	.03 .022	.26 25.7	1.51 72.	nd 1010.0	nd 22.	nd 204.	.069	-
14:10-15:10	1.0 -	1.66 -	.03 .034	.26 26.2	1.41 71.	nd 1009.5	nd 23.	nd 209.	.076	-
14:40-15:40	.9 -	1.63 -	.03 .032	.26 26.6	1.38 68.	nd 1009.1	nd 23.	nd 219.	.083 #	-
15:10-16:10	.9 -	1.62 -	.03 .043	.27 27.2	1.36 66.	nd 1009.1	nd 23.	nd 223.	.087 #	-
15:40-16:40	.9 -	1.61 -	.04 .046	.27 27.7	1.34 64.	nd 1008.9	nd 24.	nd 220.	.093 #	-
16:10-17:10	1.1 -	1.62 -	.04 .044	.26 27.8	1.36 64.	nd 1008.5	nd 24.	nd 216.	.091 #	-
16:40-17:40	1.8 -	1.62 -	.04 .045	.26 27.7	1.36 65.	nd 1008.1	nd 24.	nd 215.	.087 #	-
17:10-18:10	1.9 -	1.69 -	.04 .027	.25 27.4	1.44 66.	nd 1008.0	nd 22.	nd 213.	.088 #	-
17:40-18:40	1.4 -	1.74 -	.04 .017	.24 27.2	1.51 68.	nd 1007.7	nd 15.	nd 219.	.085 #	-
18:10-19:10	.9 -	1.69 -	.03 .017	.23 27.8	1.46 64.	nd 1007.3	nd 6.	nd 255.	.073	-
18:40-19:40	.7 -	1.64 -	.02 .018	.22 28.1	1.42 60.	nd 1007.1	nd 4.	nd 302.	.062	-
19:10-20:10	.7 -	1.66 -	.02 .011	.21 26.9	1.45 61.	nd 1007.1	nd 4.	nd 300.	.058	-
19:40-20:40	.9 -	1.68 -	.02 .004	.22 25.5	1.47 64.	nd 1007.2	nd 3.	nd 285.	.055	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
20:10-21:10	.9 -	1.72 -	.02 .001	.24 24.5	1.48 67.	nd 1007.5	nd 2.	nd 268.	.052	-
20:40-21:40	.7 -	1.73 -	.02 .000	.24 23.9	1.49 68.	nd 1007.9	nd 5.	nd 277.	.052	-
21:10-22:10	.7 -	1.71 -	.02 .000	.22 23.8	1.49 64.	nd 1008.1	nd 11.	nd 282.	.050	-
21:40-22:40	1.0 -	1.69 -	.01 .000	.20 23.5	1.49 60.	nd 1008.6	nd 11.	nd 280.	.047	-
22:10-23:10	.9 -	1.70 -	.01 .000	.20 22.9	1.49 60.	nd 1009.0	nd 8.	nd 271.	.045	-
22:40-23:40	.6 -	1.70 -	.01 .000	.20 22.4	1.50 60.	nd 1009.0	nd 9.	nd 272.	.045	-
23:10-00:10	.6 -	1.71 -	.01 .000	.20 22.3	1.50 60.	nd 1009.0	nd 9.	nd 272.	.044	-
23:40-00:40	.9 -	1.72 -	.01 .000	.21 21.7	1.51 62.	nd 1009.1	nd 8.	nd 257.	.040	-
84/07/16										
00:10-01:10	.9 -	1.75 -	.01 .000	.22 20.7	1.53 66.	nd 1009.4	nd 6.	nd 239.	.032	-
00:40-01:40	.7 -	1.91 -	.01 .000	.32 20.1	1.59 68.	nd 1009.8	nd 6.	nd 225.	.025	-
01:10-02:10	.8 -	2.14 -	.01 .000	.44 19.5	1.70 71.	.01 1009.9	.01 6.	nd 223.	.019	-
01:40-02:40	.7 -	2.19 -	.01 .000	.47 19.1	1.72 74.	.01 1009.9	.01 4.	nd 230.	.018	-
02:10-03:10	.7 -	2.00 -	.01 .000	.36 19.4	1.64 73.	nd 1010.0	nd 7.	nd 244.	.027	-
02:40-03:40	.8 -	1.83 -	nd .000	.22 19.8	1.60 73.	nd 1010.0	nd 9.	nd 253.	.034	-
03:10-04:10	.9 -	1.78 -	nd .000	.19 20.0	1.58 73.	nd 1010.0	nd 10.	nd 264.	.037	-
03:40-04:40	1.1 -	1.75 -	nd .000	.19 20.0	1.56 73.	nd 1010.3	nd 12.	nd 272.	.038	-
04:10-05:10	1.0 -	1.76 -	nd .000	.19 19.8	1.57 75.	nd 1010.8	nd 13.	nd 278.	.036	-

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
04:40-05:40	.6 -	1.77 -	nd .000	.18 19.3	1.58 77.	nd 1011.0	nd 12.	nd 280.	.032	-
05:10-06:10	.7 -	1.78 -	nd .000	.18 18.9	1.59 78.	nd 1011.0	nd 10.	nd 282.	.029	-
05:40-06:40	.7 -	1.79 -	nd .001	.18 18.9	1.61 78.	nd 1011.5	nd 10.	nd 289.	.026	-
06:10-07:10	.6 -	1.80 -	nd .005	.19 19.4	1.61 78.	nd 1012.0	nd 10.	nd 290.	.024	-
06:40-07:40	.6 -	1.80 -	nd .011	.19 20.6	1.61 73.	nd 1012.0	nd 10.	nd 292.	.022	-
07:10-08:10	.6 -	1.78 -	nd .019	.19 22.1	1.59 68.	nd 1012.4	nd 10.	nd 294.	.020	-
07:40-08:40	.6 -	1.72 -	nd .030	.19 22.8	1.52 65.	nd 1012.8	nd 11.	nd 292.	.021	-
08:10-09:10	.6 -	1.60 -	nd .040	.20 23.1	1.39 64.	nd 1012.5	nd 11.	nd 296.	.023	-
08:40-09:40	.6 -	1.53 -	nd .049	.21 23.5	1.32 61.	nd 1012.2	nd 12.	nd 289.	.023	-
09:10-10:10	.7 -	1.54 -	nd .057	.23 23.8	1.31 60.	nd 1012.0	nd 14.	nd 284.	.025	-
09:40-10:40	.7 .040	1.55 nd	nd .065	.24 24.3	1.32 59.	nd 1012.0	nd 12.	nd 293.	.026	.042
10:10-11:10	.7 .040	1.56 nd	nd .072	.24 24.7	1.34 59.	nd 1012.1	nd 11.	nd 297.	.026	.042
10:40-11:40	.7 .041	1.55 nd	nd .078	.23 24.9	1.33 57.	nd 1012.1	nd 12.	nd 296.	.029	.042
11:10-12:10	.7 .043	1.52 nd	nd .084	.24 25.2	1.30 55.	nd 1012.1	nd 11.	nd 301.	.030	.044
11:40-12:40	.7 .044	1.52 nd	nd .088	.25 25.9	1.28 53.	nd 1012.0	nd 9.	nd 303.	.030	.046
12:10-13:10	.7 .045	1.53 nd	nd .092	.25 26.5	1.30 51.	nd 1012.0	nd 10.	nd 304.	.030	.047
12:40-13:40	.6 .046	1.61 nd	nd .074	.24 26.2	1.39 51.	nd 1012.0	nd 9.	nd 310.	.031	.047

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
13:10-14:10	.6 .047	1.69 nd	nd .050	.22 25.3	1.49 54.	nd 1012.0	nd 8.	nd 315.	.031	.048
13:40-14:40	.6 .046	1.69 nd	nd .039	.22 24.5	1.49 56.	nd 1012.0	nd 6.	nd 319.	.032	.049
14:10-15:10	.6 .046	1.68 nd	nd .039	.22 24.5	1.47 57.	nd 1011.9	nd 4.	nd 319.	.032	.048
14:40-15:40	.6 .047	1.62 nd	nd .055	.24 26.0	1.39 53.	nd 1011.5	nd 4.	nd 313.	.034	.048
15:10-16:10	.6 .050	1.64 nd	nd .052	.25 26.7	1.41 51.	nd 1011.1	nd 5.	nd 304.	.038	.051
15:40-16:40	.6 .051	1.69 nd	nd .044	.25 26.4	1.46 51.	nd 1011.0	nd 4.	nd 299.	.037	.053
16:10-17:10	.6 .052	1.60 nd	nd .058	.28 27.6	1.33 49.	nd 1011.0	nd 5.	nd 303.	.037	.054
16:40-17:40	.6 .052	1.54 nd	nd .059	.31 28.3	1.25 47.	nd 1011.0	nd 4.	nd 308.	.037	.055
17:10-18:10	.6 .052	1.61 nd	nd .042	.30 27.3	1.33 50.	nd 1010.7	nd 3.	nd 320.	.036	.056
17:40-18:40	.7 .052	1.66 nd	nd .027	.25 25.6	1.42 54.	nd 1010.2	nd 2.	nd 330.	.039	.057
18:10-19:10	.7 .052	1.64 nd	.01 .019	.21 24.3	1.44 59.	nd 1010.0	nd 3.	nd 346.	.042	.058
18:40-19:40	.7 .053	1.65 nd	.02 .018	.21 24.0	1.44 60.	nd 1010.0	nd 2.	nd 346.	.043	.059
19:10-20:10	.7 .052	1.67 nd	.02 .012	.22 23.5	1.46 60.	nd 1010.0	nd 1.	nd 299.	.042	.060
19:40-20:40	.7 .050	1.68 nd	.01 .003	.22 22.1	1.46 62.	nd 1010.0	nd 2.	nd 289.	.041	.055
20:10-21:10	.6 .049	1.69 .004	.01 .001	.22 21.3	1.47 63.	nd 1010.0	nd 1.	nd 283.	.039	.054
20:40-21:40	.6 .045	1.72 .006	.01 .000	.23 20.3	1.49 67.	nd 1010.0	nd 1.	nd 354.	.033	.054
21:10-22:10	.6 .043	1.73 .007	nd .000	.22 19.1	1.50 74.	nd 1010.4	nd 4.	nd 6.	.029	.052

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
21:40-22:40	.6 .043	1.70 .007	nd .000	.22 18.5	1.48 79.	nd 1010.9	nd 3.	nd 2.	.031	.050
22:10-23:10	.6 .040	1.71 .006	nd .000	.23 18.0	1.48 82.	nd 1011.0	nd 0.	nd 220.	.030	.049
22:40-23:40	.6 .035	1.73 .005	nd .000	.24 16.9	1.48 87.	nd 1011.0	nd 0.	nd 287.	.024	.045
23:10-00:10	.6 .028	1.71 .005	nd .000	.23 16.0	1.47 90.	nd 1011.4	nd 0.	nd 206.	.018	.036
23:40-00:40	.6 .021	1.71 .009	nd .000	.24 15.4	1.48 91.	nd 1011.8	nd 1.	nd 194.	.012	.030
84/07/17										
00:10-01:10	.6 .016	1.72 .012	.01 .000	.24 14.9	1.48 92.	nd 1011.9	nd 1.	nd 187.	.007	.030
00:40-01:40	.6 .016	1.74 .013	.01 .000	.24 14.6	1.50 92.	nd 1011.9	nd 3.	nd 184.	.006	.029
01:10-02:10	.6 .019	1.78 .014	.01 .000	.24 14.4	1.54 91.	nd 1011.6	nd 4.	nd 175.	.011	.030
01:40-02:40	.6 .021	1.87 .011	.01 .000	.23 14.6	1.64 90.	nd 1011.6	nd 5.	nd 181.	.015	.031
02:10-03:10	.6 .024	1.85 .009	.01 .000	.23 14.9	1.62 88.	nd 1011.9	nd 7.	nd 188.	.018	.031
02:40-03:40	.6 .025	1.77 .008	.01 .000	.24 15.0	1.53 88.	nd 1011.8	nd 8.	nd 190.	.020	.033
03:10-04:10	.6 .024	1.76 .005	.01 .000	.25 14.6	1.51 88.	nd 1011.4	nd 7.	nd 195.	.016	.030
03:40-04:40	.6 .023	1.73 .005	.01 .000	.26 14.4	1.47 88.	nd 1011.2	nd 6.	nd 196.	.015	.028
04:10-05:10	.6 .021	1.74 .008	.01 .000	.28 14.3	1.46 87.	nd 1011.5	nd 7.	nd 200.	.013	.030
04:40-05:40	.6 .018	1.82 .011	.01 .000	.31 14.2	1.51 86.	nd 1011.9	nd 9.	nd 199.	.010	.031
05:10-06:10	.7 .016	1.88 .013	.01 .000	.33 14.1	1.55 87.	nd 1011.9	nd 10.	nd 197.	.008	.029
05:40-06:40	.8 .015	1.93 .013	.01 .001	.35 14.4	1.59 87.	nd 1011.9	nd 9.	nd 196.	.008	.028

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
06:10-07:10	.8 .016	1.97 .013	.01 .004	.38 15.1	1.59 87.	nd 1012.0	nd 9.	nd 195.	.008	.007
06:40-07:40	.8 .017	1.98 .015	.01 .006	.40 16.2	1.58 85.	nd 1012.0	nd 11.	nd 198.	.010	.011
07:10-08:10	.8 .018	1.98 .018	.01 .011	.41 17.4	1.57 82.	.01 1012.0	.01 13.	nd 200.	.014	.015
07:40-08:40	.9 .021	1.98 .018	.01 .013	.40 18.2	1.58 79.	.01 1011.8	.01 14.	nd 203.	.016	.017
08:10-09:10	.9 .022	2.03 .017	.02 .011	.36 18.7	1.67 77.	.01 1011.3	.01 15.	nd 202.	.019	.020
08:40-09:40	.9 -	2.02 -	.02 .011	.32 19.3	1.70 75.	.02 1011.0	.01 18.	nd 200.	.018	.019
09:10-10:10	.9 -	1.88 -	.02 .013	.31 19.9	1.57 72.	.02 1011.0	.01 20.	nd 202.	.017	.018
09:40-10:40	.9 -	1.75 -	.02 .028	.32 21.1	1.42 66.	.02 1011.0	.01 22.	nd 209.	.020	.021
10:10-11:10	.9 .029	1.71 .011	.03 .034	.32 22.1	1.39 61.	nd 1010.9	nd 26.	nd 213.	.027	.028
10:40-11:40	.9 .032	1.77 .013	.03 .016	.29 21.8	1.47 61.	nd 1010.6	nd 22.	nd 213.	.033	.034
11:10-12:10	.9 .029	1.83 .013	.02 .006	.29 20.9	1.54 67.	.28 1010.5	.06 15.	.23 221.	.036	.037
11:40-12:40	.9 .026	1.86 .014	.02 .010	.31 19.9	1.55 74.	.28 1010.4	.06 16.	.22 220.	.061	.062
12:10-13:10	.9 .027	1.83 .015	.02 .019	.30 19.6	1.53 79.	.01 1010.0	nd 21.	nd 207.	.056	.057
12:40-13:40	.9 .029	1.66 .014	.02 .054	.28 20.8	1.38 77.	.01 1009.9	nd 24.	nd 209.	.028	.029
13:10-14:10	.8 .033	1.53 .011	.04 .090	.29 22.7	1.24 71.	.01 1009.5	nd 27.	nd 217.	.032	.033
13:40-14:40	.9 .040	1.56 .009	.04 .087	.29 23.8	1.27 65.	.01 1009.1	nd 28.	nd 218.	.039	.040
14:10-15:10	1.0 .050	1.60 .009	.03 .080	.28 24.3	1.32 63.	nd 1008.8	nd 29.	nd 215.	.047	.048

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
14:40-15:40	.9 -	1.65 -	.02 .069	.30 24.6	1.36 62.	nd 1008.3	nd 33.	nd 208.	.051	-
15:10-16:10	.9 -	1.68 -	.02 .066	.31 24.9	1.39 62.	nd 1007.5	nd 36.	nd 203.	.055	-
15:40-16:40	.9 .063	1.70 .009	.01 .051	.30 24.5	1.42 63.	nd 1006.9	nd 37.	nd 204.	.060	.070
16:10-17:10	.8 .064	1.73 .010	nd .012	.28 21.0	1.47 78.	nd 1006.9	nd 17.	nd 229.	.057	.073
16:40-17:40	- -	- -	- -	- -	- -	- -	- -	- -	-	-
17:10-18:10	- -	- -	- -	- -	- -	- -	- -	- -	-	-
17:40-18:40	.7 -	.49 -	nd .013	.16 18.3	.37 100.	nd 1006.1	nd 6.	nd 217.	.044	-
18:10-19:10	.7 -	1.33 -	nd .016	.42 19.0	.94 100.	nd 1006.3	nd 2.	nd 175.	.040	-
18:40-19:40	.7 .043	1.77 .006	nd .006	.54 19.0	1.24 100.	nd 1006.7	nd 8.	nd 180.	.034	.053
19:10-20:10	.7 .043	1.78 .006	nd .003	.49 18.3	1.30 97.	nd 1007.0	nd 15.	nd 196.	.033	.049
19:40-20:40	.6 .044	1.76 .006	nd .004	.46 18.2	1.31 92.	nd 1007.4	nd 18.	nd 196.	.035	.050
20:10-21:10	.6 .044	1.77 .004	nd .003	.46 18.1	1.32 91.	nd 1007.9	nd 16.	nd 192.	.034	.049
20:40-21:40	.6 .042	1.78 nd	nd .001	.46 17.8	1.33 92.	nd 1008.0	nd 11.	nd 192.	.032	.049
21:10-22:10	.6 .040	1.78 nd	nd .000	.46 17.6	1.33 92.	nd 1008.4	nd 9.	nd 199.	.030	.046
21:40-22:40	.6 .038	1.78 .005	nd .000	.46 17.5	1.33 91.	nd 1008.8	nd 8.	nd 208.	.029	.045
22:10-23:10	.6 .035	1.81 .006	nd .000	.49 17.3	1.33 89.	nd 1009.0	nd 5.	nd 223.	.028	.044
22:40-23:40	.6 .038	1.81 .007	nd .000	.51 17.2	1.31 84.	nd 1009.0	nd 6.	nd 266.	.031	.044

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
23:10-00:10	.6 .043	1.77 .004	nd .000	.50 16.9	1.29 79.	nd 1009.0	nd 7.	nd 275.	.036	.045
23:40-00:40	.6 .040	1.77 nd	nd .000	.50 16.1	1.29 81.	nd 1009.1	nd 3.	nd 268.	.034	.046
84/07/18										
00:10-01:10	.6 .033	1.80 .005	nd .000	.52 15.3	1.30 83.	nd 1009.1	nd 2.	nd 253.	.028	.044
00:40-01:40	.6 .028	1.82 .010	nd .000	.53 14.8	1.30 84.	nd 1009.5	nd 2.	nd 261.	.025	.041
01:10-02:10	.6 .028	1.81 .012	nd .000	.52 14.7	1.31 84.	nd 1009.9	nd 1.	nd 264.	.025	.040
01:40-02:40	.6 .026	1.81 .011	nd .000	.51 14.7	1.31 83.	nd 1009.9	nd 1.	nd 250.	.024	.038
02:10-03:10	.6 .024	1.82 .008	nd .000	.52 14.3	1.32 85.	nd 1009.9	nd 1.	nd 244.	.020	.035
02:40-03:40	.6 .023	1.83 .007	nd .000	.52 13.7	1.32 88.	nd 1009.9	nd 0.	nd 266.	.017	.031
03:10-04:10	.6 .023	1.82 .007	nd .000	.51 13.4	1.32 89.	nd 1009.9	nd 1.	nd 257.	.016	.030
03:40-04:40	.6 .019	1.84 .007	nd .000	.52 12.8	1.34 90.	nd 1010.0	nd 1.	nd 219.	.011	.026
04:10-05:10	.6 .015	1.89 .008	nd .000	.54 12.1	1.37 93.	nd 1010.0	nd 1.	nd 206.	.006	.021
04:40-05:40	.6 .015	1.91 .010	nd .000	.54 12.5	1.38 92.	nd 1010.0	nd 0.	nd 247.	.007	.020
05:10-06:10	.6 .015	1.90 .009	nd .000	.54 13.5	1.37 88.	nd 1010.0	nd 1.	nd 246.	.009	.020
05:40-06:40	.6 .017	1.86 .009	nd .000	.53 14.3	1.34 86.	nd 1010.1	nd 2.	nd 282.	.011	.024
06:10-07:10	.6 .021	1.77 .006	nd .002	.50 15.2	1.28 84.	nd 1010.4	nd 5.	nd 288.	.016	.024
06:40-07:40	.6 .023	1.72 nd	nd .005	.49 15.9	1.24 83.	nd 1010.8	nd 7.	nd 291.	.018	.026
07:10-08:10	.6 .023	1.68 nd	nd .010	.48 16.5	1.22 82.	nd 1011.0	nd 6.	nd 296.	.018	.027

Time	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
07:40-08:40	.6 .023	1.66 .005	nd .011	.46 17.0	1.22 81.	nd 1011.1	nd 4.	nd 311.	.017	.028
08:10-09:10	.6 .024	1.69 nd	nd .010	.46 17.1	1.24 82.	nd 1011.6	nd 4.	nd 316.	.018	.027
08:40-09:40	.6 .024	1.68 nd	nd .011	.44 17.3	1.24 82.	nd 1012.0	nd 4.	nd 317.	.019	.026
09:10-10:10	.5 .025	1.62 nd	nd .015	.41 17.4	1.22 81.	nd 1012.0	nd 4.	nd 321.	.020	.026
09:40-10:40	.5 .026	1.59 nd	nd .023	.41 17.4	1.19 83.	nd 1012.1	nd 7.	nd 329.	.022	.027
10:10-11:10	.5 .028	1.57 nd	nd .044	.41 18.1	1.17 82.	nd 1012.5	nd 9.	nd 334.	.025	.027
10:40-11:40	.5 .032	1.58 nd	nd .060	.41 19.3	1.18 76.	nd 1012.9	nd 11.	nd 336.	.027	.031
11:10-12:10	.5 .036	1.58 nd	nd .061	.41 19.6	1.17 74.	nd 1013.0	nd 16.	nd 341.	.029	.036
11:40-12:40	.6 .038	1.57 nd	nd .072	.41 19.7	1.16 74.	nd 1013.1	nd 22.	nd 347.	.030	.038
12:10-13:10	.6 .039	1.61 nd	nd .082	.41 19.8	1.21 74.	nd 1013.6	nd 27.	nd 354.	.031	.040
12:40-13:40	.6 .040	1.65 nd	nd .074	.41 19.6	1.25 75.	nd 1014.0	nd 29.	nd 1.	.032	.041

Statistics	CO Ozone-A	THC Ozone-P	SO2 SolarRad	Non-CH4 Temp	Methane Humidity	NOx Barom	NO2 Wind-Spd	NO Wind-Dir	Ozone	Ozone-T
Units	ppm ppm	ppm ppm	ppm W/cm^2	ppm d C	ppm %-rel	ppm mbar-msl	ppm km/h	ppm deg	ppm	ppm
Arith. Mean	.73 .037	1.516 .010	.011 .0245	.197 20.7	1.403 71.9	.006 1012.1	.005 -	.005 -	.031	.0
Std. Dev.	.90 .024	.318 .008	.011 .0310	.164 5.3	.290 16.4	.017 7.1	.005 -	.014 -	.023	.025
Geo. Mean	.55 .029	1.477 .007	.008 -	.139 -	1.365 -	.005 -	.005 -	.005 -	.019	.039
Geo.Std.Dev	2.15 2.145	1.288 2.534	1.989 -	2.366 -	1.309 -	1.325 -	1.254 -	1.146 -	3.288	1.774
Min Reading	.05 .002	.050 .002	.005 .0000	.050 8.2	.050 1.0	.005 993.8	.005 .0	.005 .0	.002	.002
Max Reading	48.12 .166	3.168 .073	.112 .1154	1.734 117.0	2.433 100.0	.667 1027.0	.303 49.2	.672 359.9	.167	.140
Min Average	.05 .002	.487 .002	.005 .0000	.050 8.4	.368 21.7	.005 993.9	.005 .0	.005 .0	.002	.002
Max Average	6.56 .132	2.652 .039	.098 .0957	1.001 59.9	2.334 100.0	.279 1027.0	.063 43.5	.226 359.9	.113	.1
# Valid Rdgs	7130. 3370.	6599. 3283.	7130. 7113.	3269. 7130.	3667. 7130.	7130. 7130.	7130. 7130.	7130. 7130.	6140.	3307.
Min.Det.Lev	.10 .004	.100 .004	.010 -	.100 -	.100 -	.010 950.0	.010 -	.010 -	.004	.0
1 hr Crit.	30.00 -	- -	.250 -	- -	- -	- -	.200 -	- -	.080	-

- Invalid Data / Not Calculated

nd Average is less than Min. Detectable Level

* One or more readings Missing

* Average is above Provincial Std/Criteria

Percent Valid Data Required for Valid Average: 90.0 %

Averaging Started at Nearest: .0 min

SARNIA OXIDANT STUDY - June and July, 1984

COURTRIGHT AMBIENT AIR DATA.....tabulations of one-hour average concentrations

SARNIA_84 : 2009

Start: 04/06/23 12:19 Scan: 300 sec
 Average: 60.00 min Report: 30.00 min
 Loc: Courtright - MOE Station ... all acquired data

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
2:19-13:19	.7 - 16.	nd - 170.	1.27 - -	.03 - -	.34 - -	1.04 - -	.01 .035	.01 25.4	nd 75.	.059 1011.3
2:49-13:49	.8 - 14.	nd - 174.	1.38 - -	.03 - -	.41 - -	1.38 - -	.02 .034	.02 24.2	nd 76.	.057 1012.5
3:19-14:19	.9 - 14.	nd - 175.	1.39 - -	.03 - -	.41 - -	1.09 - -	.03 .046	.02 25.2	nd 77.	.055 1010.1
3:49-14:49	.9 - 15.	nd - 179.	1.32 - -	.03 - -	.37 - -	1.06 - -	.02 .038	.02 24.7	nd 79.	.054 1010.0
4:19-15:19	.9 - 13.	nd - 184.	1.25 - -	.03 - -	.33 - -	1.03 - -	.02 .028	.01 23.9	nd 80.	.050 1010.0
4:49-15:49	.8 - 11.	nd - 184.	1.74 - -	.03 - -	.51 - -	1.37 - -	.02 .047	.02 24.8	nd 78.	.052 1009.9
5:19-16:19	.7 - 11.	nd - 176.	2.40 - -	.03 - -	.77 - -	1.00 - -	.03 .057	.03 26.3	nd 73.	.049 1009.4
5:49-16:49	.7 - 12.	nd - 173.	2.19 - -	.03 - -	.71 - -	1.63 - -	.03 .050	.03 26.8	nd 72.	.049 1009.0
6:19-17:19	.6 - 14.	nd - 191.	1.52 - -	.03 - -	.47 - -	1.16 - -	.02 .040	.02 26.0	nd 75.	.050 1009.0
6:49-17:49	.6 - 15.	nd - 205.	1.28 - -	.02 - -	.39 - -	.99 - -	.01 .023	nd 24.7	nd 78.	.046 1008.7
7:19-18:19	.6 - 14.	nd - 190.	1.56 - -	.02 - -	.49 - -	1.18 - -	.04 .021	.03 24.6	.01 78.	.034 1008.2
7:49-18:49	.5 - 15.	nd - 176.	1.95 - -	.03 - -	.63 - -	1.46 - -	.05 .019	.04 24.9	.02 77.	.028 1008.0

Time	CO Temp-H Wind-Spd	TRB Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
16:19-19:19	.5 - 16.	nd - 171.	1.73 -	.02 -	.51 -	1.36 -	.03 .010	.02 24.7	.01 77.	.035 1008.0
18:49-19:49	.5 - 17.	nd - 165.	- -	.02 -	.26 -	1.06 -	.01 .004	.01 24.7	nd 78.	.041 1008.0
19:19-20:19	.6 - 18.	nd - 160.	- -	.02 -	.19 -	1.01 -	nd .001	nd 23.4	nd 88.	.345 1007.9
19:19-20:49	.6 - 19.	nd - 164.	- -	.02 -	.15 -	1.34 -	nd .001	nd 21.5	nd 99.	.052 1007.8
20:19-21:19	.6 - 11.	nd - 179.	- -	.02 -	.16 -	1.18 -	nd .000	nd 20.1	nd -	.050 1007.8
20:49-21:49	.6 - 1.	nd - 171.	- -	.03 -	.13 -	1.21 -	.01 .000	.01 19.1	nd -	.038 1008.0
21:19-22:19	.6 - 3.	nd - 110.	- -	.06 -	nd -	1.07 -	.03 .000	.03 19.2	nd 100.	.028 1007.8
21:49-22:49	.6 - 4.	nd - 131.	- -	.05 -	nd -	1.12 -	.03 .000	.03 19.3	nd -	.026 1007.4
22:19-23:19	.6 - 5.	nd - 139.	- -	.03 -	nd -	1.14 -	.01 .000	.01 19.5	nd -	.032 1007.1
22:19-23:49	.6 - 9.	nd - 160.	- -	.02 -	nd -	1.04 -	nd .000	nd 19.6	nd 100.	.037 1007.0
23:19-00:19	.6 - 10.	nd - 177.	- -	.02 -	nd -	.98 -	.01 .000	.01 19.2	nd 100.	.034 1007.0
23:49-00:49	.6 - 8.	nd - 200.	- -	.02 -	nd -	.97 -	.01 .000	nd 18.9	nd 100.	.032 1006.7
04/06/24 00:19-01:19	.6 - 6.	nd - 219.	- -	.02 -	nd -	.95 -	nd .000	nd 19.0	nd 100.	.033 1006.2

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Baron
00:47-01:47	.6 - 2.	nd - 237.	- - -	.02 - -	nd - -	.99 - -	nd .000 -	nd 19.2 -	nd 100. -	.031 1006.0 -
01:19-02:19	.6 - 2.	nd - 258.	- - -	.02 - -	nd - -	1.02 - -	nd .000 -	nd 19.0 -	nd 100. -	.029 1006.0 -
01:49-02:49	.7 - 2.	nd - 251.	- - -	.02 - -	nd - -	1.09 - -	.02 .000 -	.02 19.0 -	nd 100. -	.020 1006.0 -
02:19-03:19	.7 - 4.	nd - 236.	- - -	.02 - -	nd - -	1.12 - -	.03 .000 -	.03 19.0 -	nd 100. -	.016 1006.0 -
02:49-03:49	.7 - 6.	nd - 257.	- - -	.02 - -	nd - -	1.12 - -	.02 .000 -	.02 19.9 -	nd 100. -	.018 1006.2 -
03:19-04:19	.7 - 8.	nd - 252.	- - -	.02 - -	nd - -	1.09 - -	.02 .000 -	.02 19.0 -	nd 100. -	.019 1006.2 -
03:49-04:49	.7 - 9.	nd - 259.	- - -	.02 - -	nd - -	1.04 - -	.01 .000 -	.01 19.0 -	nd 100. -	.024 1005.9 -
04:19-05:19	.7 - 9.	nd - 258.	- - -	.02 - -	nd - -	1.04 - -	.01 .000 -	.01 18.8 -	nd 100. -	.026 1005.7 -
04:49-05:49	.7 - 10.	nd - 250.	- - -	.02 - -	nd - -	1.06 - -	.02 .000 -	.02 19.6 -	nd 100. -	.021 1005.8 -
05:19-06:19	.7 - 13.	nd - 257.	- - -	.02 - -	nd - -	1.05 - -	.02 .000 -	.02 18.7 -	nd 100. -	.022 1006.2 -
05:49-06:49	.6 - 12.	nd - 256.	- - -	.02 - -	nd - -	1.03 - -	.01 .003 -	.01 18.9 -	nd 100. -	.023 1006.2 -
06:19-07:19	.6 - 11.	nd - 252.	- - -	.02 - -	nd - -	1.03 - -	.01 .005 -	.01 18.7 -	nd 100. -	.029 1006.5 -
06:49-07:49	.6 - 13.	nd - 260.	- - -	.02 - -	nd - -	1.03 - -	.02 .006 -	.02 19.0 -	nd 100. -	.026 1006.9 -

Ti	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
07:19-08:19	.6 - 15.	nd - 268.	- - -	.02 - -	nd - -	1.33 - -	.02 .015	.02 19.9	nd 99.	.025 1007.0
07:49-08:49	.6 - 16.	nd - 277.	- - -	.02 - -	nd - -	1.00 - -	.01 .016	nd 20.2	nd 97.	.025 1007.4
08:19-09:19	.5 - 17.	nd - 285.	- - -	.02 - -	nd - -	.97 - -	nd .027	nd 20.6	nd 92.	.025 1007.6
08:49-09:49	.5 - 19.	nd - 289.	- - -	.02 - -	nd - -	.95 - -	nd .051	nd 21.7	nd 86.	.025 1007.3
09:19-10:19	.5 - 20.	nd - 299.	- - -	.02 - -	nd - -	.94 - -	nd .060	nd 22.3	nd 83.	.027 1007.5
09:49-10:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
10:19-11:19	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
10:49-11:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
11:19-12:19	.4 - 23.	.004 - 268.	1.17 - -	nd .046	.25 .035	.96 -	nd .071	nd 23.0	nd 73.	.028 1008.6
11:49-12:49	.4 - 24.	.004 - 295.	1.14 - -	nd .048	.24 .036	.95 .012	nd .091	nd 23.5	nd 70.	.029 1008.9
12:19-13:19	.4 - 26.	.005 - 285.	1.13 - -	nd .044	.24 .038	.93 .005	nd .095	nd 23.6	nd 66.	.030 1008.9
12:49-13:49	.3 - 28.	.006 - 288.	1.14 - -	nd .047	.26 .037	.92 .010	nd .098	nd 23.8	nd 61.	.030 1009.0
13:19-14:19	.3 - 30.	.007 - 292.	1.15 - -	nd .046	.27 .037	.91 .010	nd .097	nd 23.8	nd 56.	.029 1009.0

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barber
13:49-14:49	.3 - 30.	.008 - 297.	1.16 - -	nd .040	.25 .036	.92 nd	nd .102	nd 23.6	nd 53.	.029 1009.1
14:19-15:19	.3 - 29.	.008 - 304.	1.19 - -	nd .041	.31 .036	.92 nd	nd .106	nd 23.6	nd 50.	.027 1009.2
14:49-15:49	.3 - 27.	.008 - 300.	1.21 - -	nd .042	.33 .037	.91 nd	.02 .094	nd 23.6	.01 49.	.025 1009.3
15:19-16:19	.3 - 26.	.008 - 300.	1.22 - -	nd .041	.34 .037	.92 nd	.02 .084	nd 23.7	.01 48.	.020 1009.5
15:49-16:49	.3 - 26.	.008 - 304.	1.23 - -	nd .039	.35 .036	.92 nd	nd .077	nd 23.7	nd 47.	.029 1009.6
16:19-17:19	.3 - 23.	.009 - 300.	1.24 - -	nd .038	.35 .034	.92 nd	nd .058	nd 23.8	nd 46.	.027 1009.7
16:49-17:49	.3 - 21.	.008 - 301.	1.25 - -	nd .040	.35 .034	.92 .005	nd .045	nd 23.7	nd 46.	.027 1009.9
17:19-18:19	.3 - 20.	.008 - 305.	1.25 - -	nd .040	.35 .033	.93 .005	.01 .049	nd 23.9	.01 46.	.026 1009.9
17:49-18:49	.3 - 20.	.008 - 299.	1.24 - -	nd .040	.35 .033	.93 .004	.01 .045	nd 24.1	.01 45.	.026 1009.9
18:19-19:19	.3 - 19.	.008 - 290.	1.25 - -	nd .040	.35 .036	.93 nd	nd .033	nd 23.7	nd 46.	.027 1009.9
18:49-19:49	.3 - 16.	.008 - 299.	1.29 - -	nd .039	.38 .035	.94 nd	.01 .021	nd 23.2	nd 47.	.026 1009.9
19:19-20:19	.3 - 19.	.006 - 284.	1.27 - -	nd .040	.36 .034	.95 nd	.01 .008	nd 22.2	nd 50.	.026 1010.1
19:49-20:49	.3 - 24.	.004 - 277.	1.20 - -	nd .038	.28 .033	.97 nd	nd .003	nd 19.4	nd 43.	.026 1012.8

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
20:19-21:19	.3 - 15.	nd - 267.	1.17 -	nd .036	.21 .020	1.02 .009	.03 .002	.02 16.9	.01 79.	.016 1011.1
20:19-21:49	.3 - 8.	nd - 253.	1.10 -	nd .037	.12 .015	1.04 .019	.04 .000	.03 16.1	.01 81.	.011 1011.0
21:19-22:19	.3 - 12.	nd - 270.	- -	nd .039	nd .025	1.00 .019	.01 .000	.01 16.9	nd 76.	.019 1011.5
21:49-22:49	.3 - 12.	nd - 272.	- -	nd .037	nd .028	.99 .009	nd .000	nd 17.3	nd 76.	.020 1011.9
22:19-23:19	.3 - 8.	nd - 257.	- -	nd .033	nd .026	1.01 nd	nd .000	nd 16.2	nd 82.	.020 1012.3
22:19-23:49	.3 - 4.	nd - 263.	- -	nd .033	nd .022	1.04 .009	.02 .000	.01 15.5	nd 85.	.015 1012.0
23:19-00:19	.4 - 3.	nd - 315.	- -	nd .032	nd .018	1.03 .015	.02 .000	.02 15.6	.01 85.	.012 1012.1
23:19-00:49	.3 - 2.	nd - 320.	- -	nd .032	nd .019	1.03 .016	.02 .000	.02 15.7	nd 84.	.014 1012.3
00:19-01:19	.4 - 3.	nd - 301.	- -	nd .032	nd .022	1.03 .010	nd .000	nd 15.3	nd 86.	.016 1012.5
00:19-01:49	.4 - 3.	nd - 289.	- -	nd .029	nd .020	1.03 .007	nd .000	nd 14.5	nd 92.	.014 1012.7
01:19-02:19	.4 - 3.	nd - 265.	- -	nd .026	nd .016	1.05 .000	nd .000	nd 13.8	nd 97.	.012 1012.1
01:49-02:49	.3 - 5.	nd - 260.	- -	nd .025	nd .013	1.11 .009	.01 .000	nd 13.4	nd 99.	.010 1012.1

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO humidity	Ozone Barom
02:19-03:19	.3 - 5.	nd - 262.	- - -	nd .026	nd .011	1.15 .012	.01 .000	.01 13.1	nd 98.	.003 1012.0
02:49-03:49	.3 - 5.	nd - 260.	- - -	nd .027	nd .011	1.14 .015	.01 .000	.01 12.8	nd 99.	.005 1012.0
03:19-04:19	.3 - 4.	nd - 262.	- - -	nd .026	nd .009	1.16 .010	.02 .000	.02 12.6	nd 99.	.007 1012.0
03:49-04:49	.3 - 3.	nd - 280.	- - -	nd .026	nd .010	1.15 .017	.01 .000	.01 12.5	nd 99.	.007 1012.0
04:19-05:19	.3 - 2.	nd - 279.	- - -	nd .023	nd .012	1.11 .011	nd .000	nd 12.2	nd 100.	.009 1012.1
04:49-05:49	.4 - 2.	nd - 271.	- - -	nd .022	nd .010	1.13 .011	.01 .000	.01 12.0	nd 100.	.008 1012.4
05:19-06:19	.4 - 3.	nd - 280.	- - -	nd .022	nd .009	1.14 .013	.01 .001	.01 12.1	nd 100.	.007 1012.9
05:49-06:49	.4 - 4.	nd - 279.	- - -	nd .023	nd .010	1.12 .012	.01 .005	.01 12.6	nd 99.	.008 1013.0
06:19-07:19	.4 - 8.	nd - 289.	- - -	nd .024	nd .012	1.09 .013	.01 .011	.01 13.6	nd 93.	.010 1013.0
06:49-07:49	.4 - 12.	nd - 305.	- - -	nd .027	nd .015	1.06 .014	.02 .021	.01 14.8	nd 88.	.013 1013.0
07:19-08:19	.4 - 11.	nd - 319.	- - -	nd .029	nd .017	1.06 .013	.01 .004	nd 16.4	nd 84.	.014 1013.0
07:49-08:49	.4 - 8.	nd - 324.	- - -	nd .029	nd .019	1.04 .011	nd .044	nd 17.9	nd 80.	.015 1013.0
08:19-09:19	.4 - 9.	nd - 312.	- - -	nd .029	nd .021	1.01 .009	nd .054	nd 18.7	nd 77.	.016 1013.0

Ti	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Saron
08:49-09:49	.3 - 11.	nd - 309.	- - -	nd .030 .	nd .022 .	1.00 .008 .	nd .065 .	nd 19.5 .	nd 73. .	.018 1013.0 .
09:49-10:49	.3 - 13.	nd - 310.	- - -	nd .032 .	nd .024 .	.99 .009 .	nd .074 .	nd 20.1 .	nd 67. .	.018 1013.0 .
09:49-10:49	.3 - 15.	nd - 314.	- - -	nd .031 .	nd .024 .	.98 .007 .	nd .083 .	nd 21.0 .	nd 61. .	.018 1013.0 .
10:49-11:49	.3 - 14.	nd - 322.	- - -	nd .029 .	nd .025 .	.97 nd .	nd .080 .	nd 22.0 .	nd 56. .	.019 1013.0 .
10:49-11:49	.3 - 19.	nd - 318.	- - -	nd .029 .	nd .026 .	.96 nd .	nd .072 .	nd 21.6 .	nd 55. .	.020 1013.0 .
11:49-12:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
11:49-12:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
12:49-13:49	.2 - 23.	.005 - 315.	1.34 - -	nd .029 .	.40 .027 .	1.07 - .	nd .090 .	nd 21.6 .	nd 52. .	.021 1013.2 .
12:49-13:49	.2 - 24.	.006 - 315.	1.34 - -	nd .029 .	.40 .027 .	1.36 nd .	nd .088 .	nd 21.7 .	nd 50. .	.020 1013.2 .
13:49-14:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
13:49-14:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
14:49-15:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
14:49-15:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-F	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
5:19-16:19	-	-	-	-	-	-	-	-	-	-
5:49-16:49	-	-	-	-	-	-	-	-	-	-
6:19-17:19	-	-	-	-	-	-	-	-	-	-
6:49-17:49	-	-	-	-	-	-	-	-	-	-
7:19-18:19	-	-	-	-	-	-	-	-	-	-
7:49-18:49	.3 19.1 6.	.004 11. 32.	1.46 356.	.02 .042	.51 .035	1.01 -	nd .044	nd 24.2	nd 50.	.023 1012.9
8:19-19:19	.3 19.0 5.	.004 11. 27.	1.48 356.	.02 .039	.52 .033	1.01 .004	nd .036	nd 23.9	nd 50.	.021 1012.9
8:49-19:49	.3 18.7 7.	.003 14. 34.	1.59 1.	.04 .038	.61 .029	1.04 .007	.02 .028	.01 23.2	nd 54.	.017 1013.0
9:19-20:19	.3 17.8 8.	.003 16. 44.	1.64 10.	.03 .037	.64 .026	1.06 .010	.02 .019	.01 21.7	nd 60.	.015 1013.0
9:49-20:49	.3 16.9 7.	nd 15. 50.	1.55 15.	.03 .034	.55 .024	1.06 .008	.01 .010	nd 19.8	nd 67.	.014 1013.0
10:19-21:19	.3 16.5 4.	nd 14. 54.	1.51 20.	.03 .029	.49 .019	1.08 .008	.02 .004	.01 17.8	nd 75.	.012 1013.0
10:49-21:49	.3 16.3 2.	nd 14. 57.	1.46 23.	.03 .025	.43 .011	1.10 .011	.03 .001	.02 16.0	nd 83.	.025 1013.0
11:19-22:19	.3 16.3 1.	nd 13. 45.	1.38 23.	.03 .022	.36 .009	1.11 .012	.03 .000	.02 14.8	nd 88.	nd 1013.7

TI	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
21:47-22:49	.3 16.1 2.	nd 11. 28.	1.31 17.	.03 .021	.29 .010	1.10 .012	.03 .000	.02 14.3	nd 91.	nd 1014.0
22:19-23:19	.4 15.5 2.	nd 12. 30.	1.29 13.	.03 .021	.27 .008	1.10 .012	.03 .000	.02 14.1	nd 92.	nd 1014.0
22:49-23:49	.4 15.2 1.	nd 17. 32.	1.36 20.	.03 .020	.35 .006	1.11 .014	.03 .000	.02 13.5	nd 98.	nd 1014.0
23:19-00:19	.4 15.1 1.	nd 21. 37.	1.42 24.	.03 .023	.40 .007	1.10 .017	.02 .000	.02 12.6	nd 99.	nd 1014.0
23:49-00:49	.3 15.0 0.	nd 21. 61.	1.48 31.	.03 .024	.41 .009	1.16 .016	.02 .000	.01 12.0	nd 100.	nd 1014.0
00:19-01:19	.3 14.8 0.	nd 20. 77.	1.44 35.	.03 .022	.34 .010	1.20 .014	.01 .000	.01 11.6	nd 100.	nd 1014.0
00:49-01:49	.3 14.4 0.	nd 18. 42.	1.37 36.	.03 .020	.26 .008	1.21 .012	.02 .000	.01 11.1	nd 100.	nd 1014.0
01:19-02:19	.3 14.2 0.	nd 17. 76.	1.54 43.	.03 .019	.29 .006	1.37 .011	.02 .000	.01 10.9	nd 100.	nd 1014.0
01:49-02:49	.3 14.1 0.	nd 14. 72.	1.51 47.	.03 .018	.25 .011	1.37 .009	nd .000	nd 11.0	nd 100.	.005 1014.0
02:19-03:19	.3 13.9 0.	nd 11. 42.	1.39 50.	.03 .017	.20 .009	1.30 .006	.01 .000	.01 10.9	nd 100.	.001 1014.0
02:49-03:49	.3 13.7 0.	nd 9. 349.	1.55 62.	.03 .016	.29 .005	1.37 .006	.02 .000	.02 10.7	nd 100.	nd 1014.0
03:19-04:19	.3 13.8 0.	nd 11. 329.	1.70 74.	.03 .015	.38 .004	1.43 .011	.02 .000	.02 10.5	nd 100.	nd 1014.0

Time	CO Temp-H Wind-Spd	TRG Wind-H Wind-Dir	THC Wind-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
03:49-04:49	.3 13.7 0.	nd 14. 329.	2.19 83.	.03 .015	.60 nd	1.71 .011	.02 .000	.02 10.2	nd 100.	nd 1013.7
04:19-05:19	.3 13.4 0.	nd 15. 337.	2.43 88.	.03 .013	.67 nd	1.89 .010	.02 .000	.01 9.9	nd 100.	nd 1013.7
04:49-05:49	.3 13.3 0.	nd 11. 296.	2.02 97.	.03 .013	.56 nd	1.57 .010	.02 .000	.01 9.7	nd 100.	nd 1013.9
05:19-06:19	.4 13.2 1.	nd 8. 294.	1.75 116.	.03 .012	.53 nd	1.31 .010	.03 .001	.01 9.7	.01 100.	nd 1014.0
05:49-06:49	.4 13.2 1.	nd 6. 284.	1.73 149.	.03 .011	.51 nd	1.32 .010	.03 .005	.01 10.3	.02 100.	nd 1014.2
06:19-07:19	.4 13.4 1.	nd 9. 279.	1.66 185.	.03 .011	.44 nd	1.32 .009	.04 .010	.01 11.1	.02 100.	nd 1014.0
06:49-07:49	.4 14.0 0.	nd 12. 274.	1.46 200.	.03 .012	.30 nd	1.27 .008	.04 .019	.02 12.6	.03 99.	nd 1014.0
07:19-08:19	.4 14.5 0.	nd 12. 207.	1.39 217.	.03 .014	.26 .005	1.23 .008	.05 .032	.02 14.8	.03 96.	nd 1014.0
07:49-08:49	.4 14.7 1.	nd 11. 219.	1.40 225.	.03 .015	.30 .008	1.20 .008	.04 .042	.02 16.6	.02 92.	.004 1014.0
08:19-09:19	.3 15.3 2.	nd 8. 229.	1.43 223.	.03 .020	.36 .014	1.16 .008	.02 .053	nd 18.7	nd 94.	.009 1014.0
08:49-09:49	.3 16.5 3.	nd 7. 253.	1.43 226.	.03 .026	.41 .018	1.13 .008	.02 .064	.01 21.3	nd 73.	.012 1014.0
09:19-10:19	.3 17.8 6.	.004 9. 259.	1.45 226.	.02 .030	.46 .024	1.12 .007	.02 .074	.01 23.2	nd 63.	.015 1013.9
09:49-10:49	.3 18.7 8.	.011 11. 249.	1.51 225.	.01 .035	.54 .031	1.09 .006	.01 .082	nd 23.8	nd 57.	.020 1013.4

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
10:19-11:19	.3 19.4 11.	.018 15. 234.	1.58 218.	nd .039	.65 .035	1.03 .006	nd .089	nd 23.6	nd 55.	.024 1013.0
10:49-11:49	.3 19.9 13.	.024 17. 235.	1.71 216.	nd .041	.80 .039	1.00 .005	nd .095	nd 23.6	nd 52.	.027 1013.0
11:19-12:19	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
11:49-12:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
12:19-13:19	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
12:49-13:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
13:19-14:19	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
13:49-14:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
14:19-15:19	.4 22.2 15.	.005 20. 205.	1.38 201.	.02 -	.40 -	1.05 -	.02 .098	.03 25.0	nd 47.	.050 1011.0
14:49-15:49	.3 22.2 20.	.009 24. 185.	1.38 185.	.04 .083	.40 .058	1.05 .015	.02 .093	.03 24.4	.01 47.	.042 1010.9
15:19-16:19	.1 22.1 23.	.012 29. 173.	1.52 174.	.07 .054	.46 .039	1.14 .008	.08 .091	.05 24.1	.04 45.	.028 1010.5
15:49-16:49	nd 22.1 24.	.014 31. 171.	2.28 172.	.11 .028	.74 .022	1.65 .004	.15 .084	.07 24.2	.09 44.	.017 1010.1
16:19-17:19	nd 22.3 24.	.014 32. 172.	2.76 172.	.13 .021	.93 .016	1.97 nd	.18 .077	.07 24.2	.11 43.	.012 1009.6

Time	CO Temp-H Wind-Spd	TRG Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
16:49-17:49	nd 22.5 22.	.014 30. 177.	3.52 176.	.11 .020	1.20 .025	2.49 nd	.15 .064	.07 24.2	.08 42.	.018 1009.1
17:19-18:19	nd 22.7 19.	.015 28. 181.	4.07 179.	.10 .039	1.39 .034	2.89 .004	.11 .047	.07 24.0	.04 43.	.022 1008.9
17:49-18:49	nd 22.8 18.	.014 28. 179.	3.44 177.	.11 .050	1.14 .032	2.48 .005	.12 .032	.07 23.9	.05 44.	.020 1008.4
18:19-19:19	.1 22.8 17.	.010 28. 178.	3.00 175.	.11 .048	.95 .035	2.21 .007	.10 .024	.07 23.6	.04 46.	.021 1008.0
18:49-19:49	.2 22.8 16.	.005 28. 175.	2.39 174.	.10 .047	.66 .035	1.98 .009	.10 .024	.07 23.4	.03 50.	.022 1007.7
19:19-20:19	.3 22.8 17.	nd 30. 177.	2.24 175.	.11 .034	.53 .031	1.86 .009	.12 .019	.08 23.4	.05 51.	.018 1007.2
19:49-20:49	.3 22.7 19.	nd 32. 178.	2.37 174.	.11 .030	.50 .033	1.97 .007	.13 .009	.08 23.1	.05 51.	.019 1006.7
20:19-21:19	.3 22.1 17.	nd 32. 172.	- 169.	.10 .042	.22 .041	1.53 .008	.07 .003	.05 22.1	.03 55.	.027 1006.6
20:49-21:49	.3 21.1 16.	nd 33. 164.	- 161.	.08 .053	nd .038	1.16 .009	.04 .000	.04 21.0	nd 58.	.026 1006.9
21:19-22:19	.3 20.1 16.	nd 33. 164.	- 156.	.08 .045	nd .020	1.12 .014	.07 .000	.07 20.4	nd 57.	.010 1006.9
21:49-22:49	.3 19.4 17.	nd 34. 164.	- 158.	.08 .039	nd .031	1.14 .015	.05 .000	.05 19.9	nd 61.	.022 1006.7
22:19-23:19	.3 19.1 17.	nd 36. 166.	- 160.	.08 .052	nd .049	1.22 .007	.01 .000	.02 19.4	nd 65.	.032 1006.2
22:49-23:49	.3 18.9 16.	nd 35. 169.	- 161.	.08 .054	nd .042	1.36 .005	.02 .000	.03 19.2	nd 68.	.030 1006.0

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THE Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
23:49-00:19	.3 18.7 10.	nd 27. 171.	- 160.	.09 .051	nd .038	1.23 .005	.03 .000	.03 18.7	.21 75.	.026 1025.9
23:49-00:49	.3 18.7 7.	nd 22. 150.	- 151.	.08 .050	nd .039	1.28 .007	.02 .000	.03 18.1	nd 83.	.026 1025.3
00:49-01:19	.4 19.5 14.	nd 29. 147.	- 152.	.08 .048	nd .032	1.33 .007	.03 .000	.04 18.7	nd 81.	.021 1024.4
00:49-01:49	.4 20.1 15.	nd 33. 157.	- 163.	.08 .042	nd .026	1.11 .009	.04 .000	.04 19.3	nd 81.	.015 1023.7
01:49-02:19	.4 20.6 15.	nd 34. 167.	- 177.	.08 .041	nd .036	1.05 .011	.02 .000	.03 19.5	nd 84.	.022 1023.2
01:49-02:49	.4 21.0 19.	nd 35. 181.	- 185.	.08 .046	nd .042	1.02 .010	nd .000	.02 20.2	nd 84.	.027 1023.8
02:19-03:19	.4 21.0 21.	nd 36. 191.	- 190.	.09 .048	nd .041	1.00 .009	.01 .000	.02 20.9	nd 82.	.025 1022.5
02:19-03:49	.4 20.9 21.	nd 36. 193.	- 193.	.09 .049	nd .041	.98 .009	.01 .000	.02 20.9	nd 82.	.024 1022.8
03:19-04:19	.4 20.9 21.	nd 34. 193.	- 195.	.09 .048	nd .040	.95 .008	nd .000	.02 20.9	nd 83.	.023 1021.7
03:49-04:49	.3 20.8 22.	nd 35. 193.	- 195.	.09 .048	nd .039	.98 .009	nd .000	.02 20.8	nd 83.	.023 1021.2
04:19-05:19	.3 20.6 23.	nd 38. 190.	- 193.	.09 .048	nd .037	.99 .009	.01 .000	.02 20.6	nd 84.	.022 1020.9
04:49-05:49	.3 20.5 23.	nd 38. 193.	- 191.	.09 .047	nd .038	.98 .009	nd .000	.02 20.6	nd 84.	.023 1020.5

Time	CO Temp-H Wind-Spd	TRB Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Baror
05:19-06:19	.3 20.5 24.	nd 37. 198.	- 194.	.09 .047	nd .038	.97 .008	.31 .000	.02 20.8	nd 84.	.023 1000.5
05:49-06:49	.3 20.3 23.	nd 36. 203.	- 199.	.09 .048	nd .038	.96 .008	.31 .001	.02 20.6	nd 86.	.023 1000.5
06:17-07:19	.4 19.7 23.	nd 36. 203.	- 201.	.09 .048	nd .039	.97 .008	.31 .002	.02 19.9	nd 92.	.023 1000.2
06:49-07:49	.4 19.3 22.	nd 37. 198.	- 198.	.09 .049	nd .038	.98 .009	.31 .003	.02 19.5	nd 97.	.022 1000.0
07:19-08:19	.5 19.2 22.	nd 35. 194.	- 197.	.09 .048	nd .037	.98 .010	.31 .005	.02 19.3	nd 99.	.021 1000.1
07:49-08:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
08:19-09:19	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
08:49-09:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
09:19-10:19	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
09:49-10:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
10:19-11:19	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
10:49-11:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
11:19-12:19	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
11: -12:49	.4 20.8 24.	nd 30. 270.	1.21 248.	nd -	.29 -	1.09 -	nd .104	nd 24.4	nd 71.	.029 999.9
12: -13:19	.3 21.5 31.	.004 41. 269.	1.22 249.	nd .050	.30 .045	1.08 nd	nd .107	nd 24.9	nd 65.	.030 999.8
12:49-13:49	.3 22.0 35.	.006 45. 269.	1.24 248.	nd .056	.32 .070	1.08 .027	.06 .107	nd 25.2	.06 59.	.031 999.8
13:19-14:19	- - -	- - -	- -	- -	- -	- -	- -	- -	- -	- -
13: -14:49	- - -	- - -	- -	- -	- -	- -	- -	- -	- -	- -
14: -15:19	- - -	- - -	- -	- -	- -	- -	- -	- -	- -	- -
14: -15:49	- - -	- - -	- -	- -	- -	- -	- -	- -	- -	- -
15:19-16:19	- - -	- - -	- -	- -	- -	- -	- -	- -	- -	- -
15:49-16:49	- - -	- - -	- -	- -	- -	- -	- -	- -	- -	- -
16: -17:19	- - -	- - -	- -	- -	- -	- -	- -	- -	- -	- -
16: -17:49	- - -	- - -	- -	- -	- -	- -	- -	- -	- -	- -
17: -18:19	.4 20.6 21.	.002 32. 274.	1.30 254.	.01 -	.33 -	1.14 -	nd .012	nd 22.2	nd 50.	.040 1003.1
17:49-18:49	.4 20.4 20.	nd 30. 276.	- 256.	.02 .049	.26 .044	1.15 nd	nd .008	nd 21.8	nd 61.	.039 1003.6

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
18:19-19:19	.3 20.4 22.	nd 33. 276.	- 257.	.03 .048	.20 .043	1.15 nd	nd .009	nd 21.7	nd 61.	.039 1004.2
18:49-19:49	.4 20.2 23.	nd 33. 281.	- 263.	.03 .047	.14 .042	1.15 nd	nd .009	nd 21.5	nd 62.	.038 1004.5
19:19-20:19	.3 19.9 21.	nd 31. 282.	- 262.	.03 .045	nd .042	1.15 nd	nd .007	nd 21.1	nd 65.	.038 1005.0
19:49-20:49	.3 19.4 20.	nd 31. 276.	- 256.	.04 .044	nd .040	1.14 nd	nd .005	nd 20.7	nd 68.	.037 1005.5
20:19-21:19	.3 18.8 17.	nd 30. 274.	- 254.	.04 .042	nd .039	1.15 nd	nd .003	nd 20.0	nd 73.	.036 1006.0
20:49-21:49	.4 18.6 12.	nd 28. 274.	- 252.	.04 .042	nd .038	1.15 nd	nd .001	nd 19.3	nd 77.	.034 1006.0
21:19-22:19	.4 18.7 9.	nd 27. 270.	- 251.	.04 .041	nd .036	1.17 nd	nd .000	nd 18.9	nd 80.	.033 1006.2
21:49-22:49	.4 18.6 8.	nd 28. 267.	- 252.	.04 .041	nd .035	1.17 .008	nd .000	.01 18.4	nd 82.	.033 1006.7
22:19-23:19	.4 18.5 9.	nd 29. 270.	- 254.	.04 .041	nd .033	1.18 .009	.01 .000	.02 18.3	nd 82.	.032 1007.0
22:49-23:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
23:19-00:19	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
23:49-00:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
04/06/20	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
00:19-01:19	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -

Time	CO Temp-H Wind-Spd	TRB Wind-H Wind-Dir	THC Wind-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
01:00-01:49	.4 17.5 3.	nd 18. 227.	- 243.	.04 .041	nd .028	1.25 .011	.01 .000	.02 17.4	nd 88.	.029 1009.3
01:19-02:19	.4 17.3 4.	nd 22. 207.	- 241.	.04 .040	nd .027	1.27 .012	nd .000	.01 16.5	nd 92.	.027 1009.1
01:49-02:49	.4 17.4 4.	nd 26. 222.	- 241.	.04 .038	nd .025	1.27 .011	nd .000	.02 16.2	nd 94.	.026 1009.4
02:00-03:19	.4 17.5 5.	nd 30. 240.	- 244.	.04 .035	nd .016	1.33 .013	.03 .000	.03 16.0	nd 94.	.019 1009.3
02:00-03:49	.4 17.5 5.	nd 30. 239.	- 244.	.04 .031	nd .009	1.40 .021	.04 .000	.04 16.1	nd 94.	.013 1009.0
03:00-04:19	.4 17.5 4.	nd 29. 240.	- 245.	.04 .031	nd .009	1.43 .024	.04 .000	.04 16.4	nd 93.	.013 1009.0
03:49-04:49	.5 17.2 5.	nd 28. 249.	- 250.	.05 .032	nd .007	1.49 .025	.04 .000	.04 16.4	nd 94.	.012 1009.0
04:00-05:19	.5 16.6 4.	nd 26. 256.	- 252.	.05 .033	nd .011	1.50 .024	.03 .000	.03 16.1	nd 96.	.015 1009.3
04:00-05:49	.5 16.4 3.	nd 26. 273.	- 257.	.05 .035	nd .015	1.44 .021	.02 .000	.02 15.7	nd 97.	.018 1009.2
05:00-06:19	.5 16.5 3.	nd 27. 281.	- 270.	.05 .034	nd .015	1.39 .019	.02 .000	.02 15.5	nd 98.	.018 1009.5
05:00-06:49	.5 16.5 3.	nd 26. 275.	- 290.	.05 .033	nd .015	1.35 .018	.02 .000	.02 15.2	nd 99.	.018 1009.3
06:00-07:19	.5 16.4 2.	nd 23. 259.	- 280.	.05 .032	nd .012	1.35 .020	.02 .001	.02 14.9	nd 100.	.016 1010.0
06:00-07:49	.5 16.3 1.	nd 21. 248.	- 275.	.05 .032	nd .011	1.41 .022	.02 .004	.03 15.1	nd 100.	.015 1010.3

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
07:19-08:19	.6 16.2 1.	nd 20. 247.	- 273.	.05 .033	nd .009	1.44 .023	.03 .008	.03 15.7	nd 99.	.014 1012.7
07:49-08:49	.6 16.1 2.	nd 20. 258.	- 272.	.05 .033	nd .011	1.39 .023	.03 .018	.03 16.7	nd 96.	.015 1011.2
08:19-09:19	.5 16.1 4.	nd 15. 263.	- 265.	.05 .033	nd .015	1.37 .020	.02 .031	.02 18.6	nd 98.	.013 1011.3
08:49-09:49	.5 16.6 3.	nd 9. 270.	- 257.	.04 .034	nd -	1.29 -	.01 .045	.02 20.7	nd 83.	.022 1011.3
09:19-10:19	.5 19.1 5.	.003 9. 276.	- 254.	.02 .036	.18 -	1.14 -	nd .064	nd 23.0	nd 73.	.027 1011.0
09:49-10:49	.5 19.5 10.	.004 13. 278.	1.30 254.	.02 .038	.31 .032	1.09 -	nd .079	nd 24.3	nd 66.	.030 1011.2
10:19-11:19	.4 20.2 14.	.006 17. 284.	1.33 256.	.02 .038	.35 .034	1.09 nd	nd .083	nd 24.1	nd 63.	.031 1011.0
10:49-11:49	.4 20.7 16.	.008 20. 274.	1.31 251.	nd .040	.34 .036	1.06 nd	.01 .083	nd 24.7	.01 59.	.033 1011.0
11:19-12:19	.4 21.3 17.	.011 22. 273.	1.32 250.	nd .041	.35 .037	1.05 nd	.01 .087	nd 25.3	.01 55.	.034 1011.1
11:49-12:49	.4 21.8 19.	.012 23. 285.	1.37 260.	nd .041	.40 .039	1.05 nd	nd .092	nd 25.1	nd 51.	.035 1011.3
12:19-13:19	.4 22.3 21.	.014 26. 284.	1.45 261.	nd .042	.49 .039	1.05 nd	nd .095	nd 25.3	nd 49.	.036 1011.5
12:49-13:49	.4 22.6 22.	.016 27. 286.	1.52 263.	.01 .044	.54 .040	1.05 .004	nd .101	nd 25.3	nd 47.	.036 1011.0
13:19-14:19	.4 22.8 23.	.019 27. 292.	1.55 268.	.01 .045	.57 .042	1.05 nd	nd .112	nd 25.4	nd 44.	.036 1010.5

Time	CO Temp-H Wind-Gpd	TRS Wspd-H Wind-Dir	THO Wdir-H	SO2 Ozone-T	Non-CO4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
13:19-14:49	.4 23.1 22.	.022 26. 289.	1.50 266.	.02 .045	.62 .042	1.04 nd	nd .108	nd 26.0	nd 45.	.038 1010.7
14:19-15:19	.4 23.4 21.	.014 26. 284.	1.54 262.	.01 .045	.65 .042	1.04 nd	nd .098	nd 26.5	nd 44.	.038 1011.0
14:49-15:49	.4 23.7 21.	.003 27. 286.	1.53 264.	nd .045	.65 .042	1.04 nd	nd .092	nd 26.7	nd 47.	.035 1011.0
15:19-16:19	.4 23.9 20.	nd 24. 289.	1.50 269.	nd .044	.62 .043	1.04 nd	nd .088	nd 26.7	nd 47.	.036 1011.0
15:49-16:49	.4 24.1 19.	.004 22. 292.	1.57 271.	nd .046	.59 .043	1.04 nd	nd .093	nd 26.8	nd 43.	.037 1010.9
16:19-17:19	.4 24.3 16.	.005 20. 298.	1.55 274.	.01 .047	.57 .044	1.05 nd	nd .072	nd 26.9	nd 43.	.037 1010.9
16:49-17:49	.4 24.3 14.	.005 18. 303.	1.53 281.	.04 .048	.55 .046	1.05 nd	nd .064	nd 26.9	nd 47.	.037 1010.7
17:19-18:19	.4 24.4 12.	.005 16. 305.	1.52 282.	.06 .047	.55 .047	1.04 nd	nd .059	nd 27.2	nd 43.	.038 1010.4
17:49-18:49	.4 24.3 10.	.006 16. 316.	1.51 296.	.07 .049	.54 .047	1.04 .004	nd .051	nd 27.6	nd 44.	.039 1010.4
18:19-19:19	.4 24.0 9.	.007 16. 347.	1.51 322.	.08 .054	.54 .048	1.04 nd	nd .041	nd 28.2	nd 44.	.038 1010.6
18:49-19:49	.4 23.8 7.	.006 17. 5.	1.53 334.	.08 .053	.56 .047	1.04 nd	nd .030	nd 28.3	nd 45.	.037 1010.8
19:19-20:19	.4 23.5 7.	.005 18. 9.	1.56 338.	.09 .053	.59 .043	1.05 .002	nd .020	nd 27.4	nd 47.	.034 1011.0
19:49-20:49	.5 22.7 5.	.002 16. 29.	1.65 359.	.10 .055	.64 .039	1.08 .016	.02 .010	.02 25.4	nd 54.	.030 1011.1

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
20:19-21:19	.5 21.7 3.	nd 16. 52.	1.63 22.	.10 .053	.45 .033	1.10 .019	.02 .004	.02 23.1	nd 63.	.026 1011.5
20:49-21:49	.5 21.1 1.	nd 19. 40.	1.61 23.	.10 .050	.58 .025	1.12 .022	.02 .001	.02 20.9	nd 70.	.020 1012.0
21:19-22:19	.5 20.7 1.	nd 21. 20.	1.49 25.	.10 .048	.45 .022	1.13 .024	.03 .000	.02 19.1	nd 76.	.019 1012.5
21:49-22:49	.5 20.5 1.	nd 22. 23.	1.32 34.	.10 .046	.30 .019	1.13 .024	.03 .000	.02 18.0	nd 80.	.017 1012.9
22:19-23:19	.5 19.7 4.	nd 26. 26.	1.31 17.	.10 .045	.28 .021	1.14 .025	.02 .000	.02 17.8	nd 79.	.020 1013.3
22:49-23:49	.5 17.9 6.	nd 30. 21.	1.49 2.	.11 .048	.43 .023	1.16 .026	.02 .000	.02 15.0	nd 78.	.022 1013.7
23:19-00:19	.5 16.4 6.	nd 28. 14.	- 1.	.11 .052	.34 .024	1.16 .029	.02 .000	.02 17.6	nd 84.	.025 1014.0
23:49-00:49	.5 16.0 5.	nd 29. 17.	- 5.	.10 .045	.10 .026	1.13 .021	nd .000	nd 16.7	nd 89.	.025 1014.3
04/06/29 00:19-01:19	.5 16.1 3.	nd 27. 30.	- 11.	.10 .036	nd .023	1.13 .010	nd .000	nd 15.7	nd 94.	.022 1014.1
00:49-01:49	.5 15.2 2.	nd 26. 30.	- 15.	.10 .032	nd .021	1.13 .010	nd .000	nd 15.3	nd 96.	.021 1014.2
01:19-02:19	.5 16.1 2.	nd 25. 25.	- 16.	.10 .031	nd .020	1.13 .010	nd .000	nd 15.2	nd 96.	.020 1014.1
01:49-02:49	.5 16.2 2.	nd 25. 36.	- 16.	.10 .030	nd .017	1.14 .011	nd .000	nd 15.0	nd 97.	.019 1014.0

Ti	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
02:19-03:19	.4 16.3 1.	nd 24. 40.	- 15.	.10 .029	.10 .016	1.13 .012	nd .000	nd 14.4	nd 99.	.016 1014.0
03:49-04:49	.4 16.0 1.	nd 23. 39.	- 13.	.10 .029	.11 .015	1.14 .012	.01 .000	.01 14.1	nd 99.	.016 1013.7
03:19-04:19	.4 15.7 1.	nd 22. 37.	- 14.	.10 .028	.13 .014	1.15 .013	.01 .000	.01 13.7	nd 99.	.016 1013.1
03:19-04:49	.5 15.5 0.	nd 18. 15.	- 17.	.10 .028	.15 .011	1.17 .015	.02 .000	.02 13.3	nd 100.	.014 1013.7
04:19-05:19	.5 15.1 1.	nd 17. 354.	- 13.	.10 .029	.14 .007	1.20 .019	.03 .000	.02 13.2	nd 100.	.011 1013.7
04:49-05:49	.5 14.8 2.	nd 18. 350.	- 2.	.10 .028	nd .008	1.21 .021	.02 .000	.02 13.1	nd 100.	.011 1013.9
05:19-06:19	.4 13.0 5.	nd 21. 352.	- 351.	.10 .028	nd .012	1.19 .019	nd .001	nd 13.2	nd 100.	.014 1014.0
05:19-06:49	.4 13.0 5.	nd 24. 355.	- 351.	.10 .025	nd .012	1.17 .014	nd .004	nd 13.4	nd 100.	.014 1014.2
06:19-07:19	.5 12.0 5.	nd 22. 357.	- 354.	.10 .024	nd .010	1.17 .013	.01 .008	nd 14.1	nd 99.	.013 1014.1
06:19-07:49	.5 12.9 6.	nd 19. 4.	- 355.	.10 .026	nd .010	1.18 .016	.02 .017	.01 15.5	nd 96.	.014 1014.4
07:19-08:19	.6 13.6 8.	nd 19. 14.	- 1.	.11 .031	nd .013	1.18 .020	.02 .029	.01 17.4	nd 90.	.017 1014.3
07:49-08:49	.5 14.3 11.	nd 21. 31.	- 9.	.11 .037	nd .019	1.15 .021	.01 .040	nd 19.0	nd 83.	.022 1015.0
08:19-09:19	.5 14.7 13.	nd 22. 40.	- 12.	.10 .037	nd .023	1.11 .016	nd .052	nd 19.9	nd 77.	.025 1015.3

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
09:49-09:49	-	-	-	-	-	-	-	-	-	-
09:49-09:49	-	-	-	-	-	-	-	-	-	-
09:49-09:49	-	-	-	-	-	-	-	-	-	-
09:49-10:49	-	-	-	-	-	-	-	-	-	-
09:49-10:49	-	-	-	-	-	-	-	-	-	-
09:49-10:49	.3 14.9 13.	nd 24. 7.	1.69 351.	.03 -	.69 .024	1.07 -	.03 .072	.02 21.4	nd 62.	.021 1016.0
10:49-11:49	.3 15.3 12.	.002 19. 9.	1.70 351.	.01 .033	.71 .026	1.05 .009	.02 .009	.02 22.2	nd 65.	.028 1016.0
10:49-11:49	.2 15.9 10.	.003 15. 15.	1.71 351.	nd .034	.73 .028	1.03 .007	.02 .091	.02 22.3	nd 63.	.029 1016.0
11:49-12:49	.2 16.3 9.	.003 12. 21.	1.71 354.	nd .034	.73 .028	1.03 .006	.01 .071	.01 22.6	nd 63.	.030 1016.0
11:49-12:49	.3 16.2 9.	.003 15. 17.	1.71 354.	nd .033	.73 .026	1.03 .006	.02 .043	.02 21.9	nd 66.	.029 1016.0
12:49-13:49	.3 15.9 10.	.003 19. 13.	1.75 352.	.02 .033	.76 .024	1.04 .007	.02 .042	.02 21.2	nd 70.	.027 1016.0
12:49-13:49	.3 15.6 11.	.004 21. 12.	1.79 353.	.02 .033	.79 .023	1.05 .008	.02 .048	.02 20.9	nd 71.	.028 1016.0
13:49-14:49	.3 15.5 12.	.005 21. 10.	1.98 353.	.03 .032	.87 .024	1.05 .009	.02 .052	.02 20.7	nd 71.	.026 1016.0
13:49-14:49	.3 15.3 14.	.005 23. 5.	1.98 351.	.04 .035	.95 .023	1.07 .010	.03 .050	.02 20.4	nd 72.	.025 1016.0
14:49-15:49	.3 15.0 14.	.005 25. 5.	2.03 349.	.05 .035	.99 .021	1.08 .011	.03 .037	.02 19.5	nd 75.	.024 1016.0
14:49-15:49	.3 14.6 12.	.004 25. 9.	1.96 348.	.04 .032	.93 .021	1.08 .011	.02 .034	.02 18.9	nd 77.	.023 1016.1

Ti	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	TPC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-F	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barde
15:19-16:19	.3 14.3 12.	.002 24. 11.	1.98 349.	.04 .030	.05 .022	1.07 .009	.02 .036	.02 18.7	nd 78.	.022 1016.1
15:49-16:49	.3 14.3 12.	nd 24. 9.	1.92 351.	.05 .029	.09 .019	1.08 .009	.03 .041	.02 18.9	nd 78.	.022 1016.0
16:19-17:19	.3 14.2 13.	nd 25. 5.	1.89 350.	.05 .031	.06 .019	1.07 .011	.03 .039	.02 18.7	nd 79.	.021 1016.2
16:49-17:49	.3 14.2 14.	nd 27. 11.	1.88 352.	.05 .030	.05 .019	1.08 .011	.02 .036	.02 18.3	nd 80.	.021 1016.2
17:19-18:19	.3 14.3 14.	nd 27. 18.	1.96 355.	.04 .031	.02 .021	1.09 .011	.02 .036	.02 18.1	nd 79.	.023 1016.2
17:49-18:49	.3 14.3 13.	nd 26. 17.	1.99 353.	.04 .031	.03 .020	1.09 .010	.02 .033	.02 18.1	nd 79.	.022 1016.0
18:19-19:19	.3 14.2 13.	nd 27. 13.	1.95 351.	.05 .029	.01 .017	1.09 .010	.02 .029	.02 17.9	nd 79.	.020 1016.0
18:49-19:49	.3 14.1 12.	nd 27. 9.	1.93 351.	.05 .027	.08 .016	1.09 .011	.02 .021	.02 17.4	nd 81.	.019 1016.0
19:19-20:19	.3 13.9 11.	nd 27. 10.	1.84 350.	.05 .025	.08 .015	1.09 .010	.02 .012	.02 16.5	nd 84.	.018 1016.0
19:49-20:49	.3 13.8 9.	nd 25. 14.	1.81 353.	.05 .025	.77 .014	1.10 .010	.02 .006	.02 15.9	nd 85.	.017 1016.1
20:19-21:19	.3 13.7 8.	nd 23. 16.	1.84 355.	.04 .026	.80 .014	1.10 .011	.02 .002	.02 15.5	nd 86.	.016 1016.2
20:49-21:49	.3 13.6 8.	nd 23. 9.	1.77 346.	.04 .025	.75 .014	1.07 .011	.02 .000	.02 15.2	nd 86.	.017 1016.5
21:19-22:19	.3 13.4 10.	nd 25. 2.	1.74 339.	.03 .022	.72 .014	1.07 .009	.01 .000	.02 14.9	nd 89.	.017 1016.9

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
01:49-22:49	.2 13.1 10.	.002 27. 0.	1.78 339.	.02 .021	.76 .012	1.07 .007	.02 .000	.02 14.3	nd 91.	.015 1015.9
02:19-23:19	.3 12.8 9.	.004 24. 359.	1.83 340.	.02 .019	.81 .009	1.07 .007	.02 .000	.02 13.8	nd 93.	.013 1015.9
02:49-23:49	.3 12.6 6.	.005 19. 360.	1.79 343.	.02 .019	.77 .010	1.08 .008	.02 .000	.02 13.7	nd 94.	.013 1016.9
03:19-00:19	.3 12.8 4.	.005 16. 3.	1.71 351.	.02 .019	.69 .011	1.08 .008	.01 .000	.02 13.9	nd 94.	.013 1017.0
03:49-00:49	.3 13.0 6.	.005 19. 18.	1.66 356.	.02 .020	.65 .011	1.07 .008	.01 .000	.02 14.5	nd 92.	.014 1015.9
04/06/30										
00:19-01:19	.3 13.0 9.	.005 24. 34.	1.57 3.	.02 .020	.58 .013	1.05 .007	nd .000	.01 14.9	nd 89.	.016 1015.8
00:49-01:49	.2 12.9 11.	.007 27. 35.	1.41 5.	.02 .019	.46 .017	1.03 .004	nd .000	nd 15.0	nd 98.	.019 1015.8
01:19-02:19	.2 12.9 10.	.009 26. 31.	1.24 3.	.02 .020	.32 .020	1.01 nd	nd .000	nd 15.0	nd 89.	.022 1015.7
01:49-02:49	.2 13.2 7.	.008 23. 28.	1.14 4.	.02 .022	.24 .021	1.00 nd	nd .000	nd 15.2	nd 90.	.023 1016.3
02:19-03:19	.2 13.6 6.	.009 23. 25.	1.08 4.	.02 .023	.19 .022	.99 nd	nd .000	nd 15.5	nd 89.	.024 1015.0
02:49-03:49	.2 13.7 7.	.009 23. 30.	- 5.	.02 .024	.12 .022	.99 nd	nd .000	nd 15.7	nd 89.	.024 1016.2
03:19-04:19	.2 13.9 9.	.008 23. 39.	- 10.	.02 .024	nd .021	.99 nd	nd .000	nd 15.8	nd 87.	.023 1015.9

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
03:49-04:49	.2 13.9 9.	.009 23. 42.	- 11.	.02 .023	nd .010	.99 nd	nd .000	nd 15.0	nd 86.	.021 1015.0
04:49-05:19	.2 13.6 8.	.009 22. 38.	- 8.	.02 .020	nd .016	.98 nd	nd .000	nd 15.4	nd 92.	.019 1015.0
04:49-05:49	.2 13.2 5.	.009 23. 30.	- 3.	.02 .018	nd .016	.99 nd	nd .000	nd 14.4	nd 97.	.019 1015.9
05:49-06:19	.2 13.3 2.	.009 26. 25.	1.35 358.	.02 .017	.15 .014	1.00 nd	nd .001	nd 13.5	nd 100.	.017 1016.0
05:49-06:49	.2 13.6 4.	.009 29. 20.	1.23 355.	.02 .018	.31 .014	1.01 nd	nd .004	nd 13.9	nd 99.	.017 1016.0
06:19-07:19	.3 13.7 6.	.008 26. 21.	1.36 357.	.02 .020	.44 .015	1.01 .005	nd .009	.01 15.2	nd 96.	.018 1016.0
06:49-07:49	.3 13.8 7.	.008 22. 34.	1.23 3.	.02 .020	.32 .015	1.00 .004	nd .010	nd 16.5	nd 93.	.018 1016.0
07:49-08:19	.3 14.1 10.	.008 20. 40.	1.14 7.	.03 .019	.24 .015	1.00 nd	nd .030	nd 17.9	nd 88.	.017 1016.1
07:49-08:49	.3 14.6 12.	.007 19. 45.	1.16 12.	.03 .020	.25 .015	1.01 .005	.01 .041	.01 19.3	nd 93.	.017 1016.3
08:19-09:19	.3 15.1 12.	.006 18. 45.	1.12 13.	.03 .021	.21 .016	1.01 .006	nd .053	nd 20.5	nd 78.	.018 1016.7
08:49-09:49	.3 15.5 11.	.007 19. 31.	1.13 4.	.04 .023	.22 .017	1.01 .006	.01 .261	.01 21.6	nd 74.	.019 1016.9
09:49-10:19	.4 15.7 12.	.009 21. 11.	1.29 354.	.05 .026	.35 .018	1.03 .000	.02 .065	.02 22.1	nd 72.	.020 1017.0
09:49-10:49	.4 15.7 14.	.010 25. 5.	1.38 352.	.07 .030	.43 .017	1.04 .012	.03 .074	.02 22.3	.01 71.	.019 1017.0

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Baroc
10:19-11:19	.4 15.8 15.	.010 29. 5.	1.33 351.	.08 .030	.39 .016	1.03 .013	.04 .084	.03 22.7	.02 70.	.019 1017.0
10:49-11:49	.4 15.8 16.	.010 29. 4.	1.29 350.	.08 .028	.36 .015	1.02 .013	.04 .090	.03 22.6	.02 70.	.019 1017.0
11:19-12:19	.4 15.8 17.	.009 30. 4.	1.19 348.	.06 .028	.28 .018	1.01 .012	.03 .096	.02 22.4	nd 71.	.020 1017.0
11:49-12:49	.4 15.8 18.	.009 31. 3.	1.10 349.	.05 .029	.20 .019	.99 .010	.02 .104	.02 22.4	nd 71.	.019 1017.0
12:19-13:19	.3 16.2 18.	.009 32. 3.	1.10 350.	.05 .027	.21 .017	.99 .009	.02 .109	.02 22.7	nd 71.	.018 1017.0
12:49-13:49	.4 16.5 18.	.009 32. 2.	1.21 349.	.06 .026	.29 .017	1.00 .010	.03 .112	.02 23.0	nd 71.	.019 1016.9
13:19-14:19	.4 16.8 18.	.008 32. 4.	1.22 349.	.06 .030	.30 .018	1.01 .012	.03 .110	.02 23.3	nd 70.	.020 1016.6
13:49-14:49	.3 17.3 17.	.009 32. 4.	1.10 347.	.05 .031	.20 .019	1.00 .011	.02 .109	.02 23.0	nd 68.	.020 1016.2
14:19-15:19	.4 17.7 16.	.008 31. 1.	1.09 346.	.06 .030	.19 .020	1.00 .010	.02 .105	.02 24.1	nd 66.	.021 1016.0
14:49-15:49	.4 17.9 16.	.008 32. 3.	1.11 346.	.06 .032	.21 .022	1.00 .011	.02 .100	.02 24.4	nd 64.	.022 1015.9
15:19-16:19	.3 18.1 17.	.009 34. 5.	1.08 347.	.05 .034	.18 .023	.99 .011	.02 .096	.02 24.2	nd 63.	.023 1015.7
15:49-16:49	.3 18.1 17.	.009 34. 4.	1.07 347.	.05 .033	.18 .023	.99 .010	.02 .088	.02 23.9	nd 63.	.024 1015.4
16:19-17:19	.3 18.2 17.	.009 32. 5.	1.14 348.	.06 .032	.24 .023	1.00 .009	.02 .079	.02 23.9	nd 64.	.024 1015.2

TI	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Range
16:49-17:49	.3 18.5 15.	.008 29. 7.	1.18 351.	.07 .034	.27 .022	1.01 .011	.03 .069	.02 24.0	nd 64.	.023 1015.1
17:19-18:19	.4 18.8 13.	.007 27. 11.	1.18 354.	.07 .034	.25 .021	1.02 .012	.03 .059	.02 24.3	nd 65.	.022 1015.0
17:49-18:49	.3 18.9 13.	.008 32. 15.	1.21 357.	.05 .036	.28 .023	1.02 .013	.03 .047	.02 24.0	nd 65.	.022 1015.0
18:19-19:19	.3 18.6 14.	.007 32. 11.	1.16 355.	.05 .037	.24 .022	1.01 .014	.03 .038	.02 23.1	nd 66.	.022 1015.0
18:49-19:49	.3 18.3 13.	.012 32. 16.	1.30 356.	.07 .034	.36 .019	1.03 .013	.03 .028	.03 22.5	nd 66.	.028 1015.0
19:19-20:19	.3 18.1 12.	.023 32. 25.	1.59 358.	.09 .033	.61 .015	1.06 .015	.04 .021	.04 22.1	nd 70.	.017 1015.0
19:49-20:49	.4 17.7 11.	.027 31. 22.	1.67 356.	.10 .033	.67 .011	1.08 .020	.05 .014	.04 21.3	nd 73.	.014 1015.0
20:19-21:19	.4 17.2 8.	.024 29. 21.	1.68 354.	.11 .033	.65 .007	1.11 .023	.05 .005	.05 19.9	nd 78.	.011 1015.1
20:49-21:49	.4 16.9 5.	.019 23. 21.	1.67 353.	.09 .033	.62 .004	1.13 .027	.05 .001	.05 18.9	nd 82.	.009 1015.4
21:19-22:19	.5 16.5 5.	.010 21. 12.	1.37 351.	.07 .032	.35 .006	1.10 .027	.04 .000	.04 18.1	nd 87.	.011 1015.8
21:49-22:49	.5 16.1 5.	.005 22. 7.	1.09 350.	.05 .029	.12 .008	1.06 .022	.03 .000	.04 17.6	nd 92.	.010 1015.9
22:19-23:19	.4 15.8 7.	.005 24. 5.	1.03 351.	.05 .026	nd .010	1.05 .018	.03 .000	.03 17.2	nd 92.	.013 1016.0
22:49-23:49	.3 15.7 8.	.005 27. 6.	.99 354.	.05 .025	nd .010	1.04 .015	.03 .000	.03 17.1	nd 93.	.013 1016.0

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Baron
23:19-00:19	.4 15.7 8.	.005 30. 10.	1.04 356.	.05 .023	nd .006	1.24 .015	.04 .000	.04 17.2	nd 93.	.010 1016.0
23:49-00:49	.4 15.9 7.	.008 30. 13.	1.38 359.	.07 .024	.39 .005	1.08 .019	.04 .000	.04 17.2	nd 94.	.010 1016.0
00:19-01:19	.4 16.1 7.	.011 31. 13.	1.69 359.	.08 .031	.65 .005	1.12 .025	.04 .000	.04 17.4	nd 94.	.010 1016.0
00:49-01:49	.4 16.0 7.	.009 31. 15.	1.44 359.	.08 .033	.45 .006	1.09 .026	.04 .000	.04 17.2	nd 93.	.010 1016.0
01:19-02:19	.3 15.9 4.	.009 26. 21.	1.50 2.	.08 .030	.48 .006	1.11 .023	.04 .000	.04 16.7	nd 97.	.011 1016.0
01:49-02:49	.4 15.8 2.	.012 25. 19.	1.93 3.	.07 .033	.83 .006	1.18 .027	.04 .000	.04 16.3	nd 98.	.011 1016.0
02:19-03:19	.4 15.8 2.	.013 27. 21.	2.14 3.	.07 .038	1.01 .007	1.19 .032	.04 .000	.04 16.0	nd 99.	.012 1016.0
02:49-03:49	.4 15.8 2.	.013 28. 29.	2.27 3.	.07 .040	1.16 .007	1.17 .032	.04 .000	.04 15.8	nd 100.	.012 1016.0
03:19-04:19	.4 16.0 2.	.011 29. 28.	2.31 2.	.06 .039	1.21 .009	1.15 .031	.03 .000	.04 15.9	nd 99.	.013 1016.0
03:49-04:49	.5 16.3 2.	.008 31. 24.	2.33 5.	.06 .038	1.22 .009	1.16 .029	.03 .000	.04 16.0	nd 98.	.014 1016.0
04:19-05:19	.4 16.4 2.	.006 29. 14.	2.20 5.	.05 .030	1.09 .007	1.17 .031	.04 .000	.04 15.7	nd 98.	.012 1016.0
04:49-05:49	.3 16.1 5.	.004 28. 5.	1.50 1.	.04 .036	.50 .009	1.12 .028	.03 .000	.03 15.6	nd 99.	.012 1016.0

Time	CO Temp-H Wind-Spd	TRG Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-F	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
05:19-06:19	.3 15.8 5.	.003 29. 4.	.99 0.	.04 .029	nd .013	1.05 .018	.03 .001	.03 15.6	nd 99.	.015 1016.2
05:49-06:49	.3 15.5 3.	.003 24. 9.	1.02 1.	.04 .027	nd .014	1.04 .012	.03 .004	.03 15.7	nd 99.	.016 1016.1
06:19-07:19	.3 15.4 3.	nd 20. 9.	1.07 359.	.04 .026	.11 .014	1.06 .013	.03 .009	.03 16.7	nd 95.	.016 1016.5
06:49-07:49	.3 15.5 4.	nd 17. 8.	1.11 359.	.04 .027	.12 .015	1.09 .012	.03 .019	.03 18.2	nd 89.	.010 1016.2
07:19-08:19	.3 15.7 4.	nd 14. 9.	1.24 357.	.05 .028	.24 .017	1.11 .012	.04 .031	.03 19.9	nd 83.	.019 1017.2
07:49-08:49	.4 16.4 5.	nd 12. 9.	1.58 351.	.05 .035	.53 .025	1.14 .016	.05 .041	.04 21.6	nd 78.	.021 1017.0
08:19-09:19	.4 17.2 6.	nd 12. 7.	1.82 350.	.06 .049	.73 .033	1.17 .020	.05 .052	.04 23.2	nd 72.	.032 1017.2
08:49-09:49	.4 18.0 7.	nd 13. 4.	1.79 352.	.08 .058	.73 .036	1.15 .021	.05 .062	.04 24.9	nd 67.	.034 1017.4
09:19-10:19	.4 18.9 7.	.004 13. 352.	1.74 351.	.09 .062	.70 .043	1.12 .022	.05 .071	.04 26.1	nd 62.	.038 1017.6
09:49-10:49	.4 19.7 8.	.003 13. 345.	2.73 355.	.11 .095	1.65 .098	1.10 .023	.05 .070	.05 26.4	nd 59.	.078 1017.8
10:19-11:19	.5 20.3 8.	.011 14. 346.	3.32 352.	.14 .167	2.22 .140	1.08 .041	.06 .076	.06 27.0	nd 57.	.109 * 1018.2
10:49-11:49	.5 20.9 9.	.013 16. 347.	2.34 349.	.15 .157	1.32 .096	1.06 .041	.06 .091	.05 27.9	nd 53.	.078 1018.0
11:19-12:19	.5 21.5 10.	.020 19. 354.	1.92 350.	.16 .110	.93 .059	1.05 .032	.06 .098	.05 29.2	.01 50.	.051 1018.2

Time	CO Temp-H Wind-Spd	TRG Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Nor-CH4 Ozone-A	Methane Ozone-P	NOx Solar-Rad	NO2 Temp	NO Humidity	Ozone Barom
11:49-12:49	.5 21.8 11.	.025 21. 0.	1.77 350. .	.19 .091	.78 .049	1.05 .029	.06 .103	.05 29.7	.01 49.	.047 1018.0
12:19-13:19	.4 22.0 11.	.022 20. 360.	1.58 348. .	.14 .065	.63 .041	1.02 .025	.05 .100	.04 29.6	nd 48.	.037 1017.8
12:49-13:49	.4 22.1 11.	.016 21. 1.	1.38 342. .	.08 .057	.46 .034	.99 .019	.04 .106	.03 29.6	nd 47.	.030 1017.8
13:19-14:19	.4 22.2 12.	.015 24. 1.	1.29 342. .	.07 .044	.40 .027	.97 .013	.04 .113	.03 28.8	nd 46.	.027 1017.5
13:49-14:49	.3 22.3 13.	.015 25. 2.	1.27 348. .	.06 .037	.39 .027	.96 .010	.03 .110	.02 29.9	nd 45.	.027 1017.0
14:19-15:19	.3 22.5 14.	.016 27. 5.	1.24 351. .	.04 .037	.36 .029	.95 .008	.02 .106	.02 29.3	nd 45.	.028 1017.0
14:49-15:49	.3 22.6 14.	.017 27. 5.	1.32 349. .	.04 .037	.43 .031	.96 .006	.02 .101	.02 29.4	nd 44.	.030 1016.9
15:19-16:19	.3 22.8 14.	.018 25. 4.	1.37 347. .	.04 .040	.48 .031	.95 .008	.02 .091	.02 29.2	nd 43.	.030 1016.8
15:49-16:49	.3 23.0 13.	.018 24. 5.	1.36 347. .	.05 .039	.47 .029	.95 .009	.02 .085	.02 29.2	nd 43.	.030 1016.6
16:19-17:19	.3 23.1 12.	.018 24. 6.	1.41 349. .	.06 .037	.52 .030	.96 .009	.03 .081	.02 29.3	nd 43.	.030 1016.4
16:49-17:49	.3 23.3 11.	.018 23. 6.	1.51 352. .	.06 .041	.50 .035	.96 .011	.03 .069	.03 29.1	nd 43.	.031 1016.1
17:19-18:19	.3 23.2 11.	.021 23. 4.	1.62 356. .	.07 .050	.70 .035	.97 .014	.04 .059	.03 28.7	nd 43.	.034 1016.0
17:49-18:49	.3 23.1 10.	.022 23. 18.	1.55 3. .	.06 .052	.64 .034	.97 .017	.03 .051	.03 28.6	nd 44.	.030 1016.2

Use	SO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx Solar-Rad	NO2 Temp	NO Humidity	Ozone Sarnia
18:19-19:19	.3 22.9 9.	.019 21. 28.	1.38 8.	.03 .045	.49 .033	.95 .010	.01 .041	.01 29.3	nd 45.	.033 1016.2
19:49-19:49	.2 22.4 8.	.017 19. 30.	1.33 10.	.02 .039	.45 .033	.95 nd	nd .038	.01 27.5	nd 47.	.032 1016.5
19:19-20:19	.4 21.8 6.	.016 16. 28.	1.51 13.	.03 .037	.58 .028	.98 .005	.02 .019	.02 25.9	nd 54.	.028 1016.8
19:49-20:49	.6 20.9 4.	.013 12. 11.	1.62 10.	.05 .039	.66 .015	1.03 .015	.06 .009	.05 23.4	.01 63.	.017 1016.9
20:19-21:19	.6 20.1 2.	.009 10. 17.	1.54 20.	.05 .033	.57 .004	1.05 .022	.08 .003	.06 21.2	.02 72.	.009 1017.0
20:49-21:49	.6 19.4 0.	.006 9. 50.	1.47 26.	.04 .024	.49 nd	1.06 .020	.08 .001	.05 19.4	.03 81.	.008 1017.0
21:19-22:19	.5 19.0 0.	.004 8. 42.	1.34 13.	.03 .026	.37 .006	1.06 .021	.06 .000	.04 18.1	.02 87.	.010 1017.2
21:49-22:49	.6 18.6 0.	.003 5. 359.	1.34 4.	.03 .029	.35 .005	1.08 .022	.05 .000	.04 17.2	.01 92.	.010 1017.6
22:19-23:19	.7 18.5 0.	.002 4. 85.	1.39 7.	.03 .028	.36 nd	1.13 .023	.06 .000	.04 16.4	.02 96.	.007 1017.7
22:49-23:49	.7 18.6 1.	nd 2. 280.	1.56 343.	.03 .024	.49 nd	1.17 .021	.07 .020	.04 16.0	.03 98.	.007 1017.5
23:19-00:19	.8 18.6 1.	nd 1. 280.	1.67 284.	.03 .024	.57 nd	1.19 .022	.07 .000	.04 15.8	.03 99.	.006 1017.6
23:49-00:49	.7 18.7 0.	nd 1. 293.	1.42 255.	.03 .023	.36 nd	1.17 .021	.06 .000	.04 15.6	.02 100.	.006 1017.8
01/07/02 19:01-19:19	.6 18.7 1.	nd 3. 296.	1.28 241.	.03 .021	.23 nd	1.17 .020	.05 .000	.04 15.7	.01 100.	.006 1017.9

Time	CO Temp-H Wind-Spd	TRF Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barca
00:49-01:49	.5 18.9 0.	nd 5. 293.	1.42 238.	.03 .023	.26 nd	1.29 .021	.04 .000	.04 15.6	nd 100.	.006 1019.0
01:19-02:19	.5 19.3 0.	nd 3. 0.	1.77 241.	.02 .023	.41 nd	1.51 .021	.04 .000	.03 15.6	.01 100.	.006 1019.0
01:49-02:49	.6 19.6 0.	nd 5. 42.	2.52 257.	.02 .022	1.15 nd	1.57 .020	.05 .000	.03 15.8	.02 100.	.005 1019.0
02:19-03:19	.6 19.9 0.	nd 6. 39.	2.50 260.	.02 .025	1.13 nd	1.47 .023	.05 .000	.03 15.9	.02 100.	.005 1019.0
02:49-03:49	.6 20.0 0.	nd 5. 351.	1.65 261.	.02 .023	.42 nd	1.35 .022	.05 .000	.03 15.8	.02 100.	.005 1017.9
03:19-04:19	.5 19.5 0.	nd 9. 277.	1.66 256.	.02 .020	.45 nd	1.33 .019	.04 .000	.03 15.6	.01 100.	.006 1017.9
03:49-04:49	.4 19.5 0.	nd 8. 281.	1.79 254.	.02 .019	.55 nd	1.36 .018	.03 .000	.03 15.3	nd 100.	.006 1017.9
04:19-05:19	.5 19.7 0.	nd 7. 139.	3.08 262.	.02 .017	.98 nd	2.28 .016	.03 .000	.03 14.8	nd 100.	.006 1017.9
04:49-05:49	.4 19.9 0.	nd 6. 147.	7.35 265.	.02 .017	2.34 nd	5.09 .016	.03 .000	.03 14.2	nd 100.	.006 1019.0
05:19-06:19	.4 20.4 0.	nd 6. 56.	6.15 263.	.02 .017	2.00 nd	4.50 .016	.03 .001	.02 14.3	nd 100.	.006 1019.0
05:49-06:49	.4 20.6 1.	nd 4. 119.	3.21 257.	.02 .015	.93 nd	2.49 .014	.03 .003	.02 14.1	nd 100.	.007 1018.0
06:19-07:19	.5 20.4 1.	nd 2. 151.	3.11 221.	.03 .017	.93 nd	2.37 .014	.04 .007	.02 15.1	.02 100.	.008 1018.0
06:49-07:49	.6 20.5 0.	.003 5. 231.	2.24 215.	.03 .017	.68 nd	1.69 .014	.06 .016	.03 16.9	.03 99.	.008 1019.3

Time	CO Temp-H Wind-Spd	TRB Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Baro
19:09:19	.6 20.3 9.	.003 7. 171.	2.09 224.	.04 .014	.65 nd	1.57 .012	.08 .028	.03 18.9	.05 93.	.009 1018.4
19:49:09:49	.6 19.9 3.	.002 8. 178.	2.04 206.	.04 .014	.64 .004	1.52 .012	.09 .040	.04 20.0	.05 91.	.011 1018.5
19:19:09:19	.5 19.9 4.	nd 9. 178.	1.73 195.	.04 .017	.47 .010	1.37 .011	.07 .051	.04 21.2	.03 84.	.015 1018.6
20:49:09:49	.4 20.6 4.	nd 8. 171.	1.35 198.	.04 .024	.26 .018	1.21 .010	.04 .060	.03 22.5	.01 74.	.021 1018.7
09:19:10:19	.4 21.3 6.	nd 7. 169.	1.22 191.	.03 .032	.18 .024	1.16 .010	.03 .069	.03 24.0	nd 66.	.026 1018.3
09:49:10:49	.4 22.1 7.	nd 6. 170.	1.12 189.	.03 .038	.13 .029	1.10 .011	.03 .077	.03 25.1	nd 63.	.030 1018.1
19:19:11:19	.6 22.9 6.	nd 5. 172.	1.08 184.	.03 .044	.12 .035	1.06 .011	.03 .084	.03 26.0	nd 61.	.035 1018.0
19:49:11:49	.6 23.5 7.	.004 8. 175.	1.07 178.	.03 .053	.13 .043	1.03 .011	.03 .091	.02 26.7	nd 60.	.042 1018.0
11:19:12:19	.5 23.9 9.	.006 12. 177.	1.11 174.	.03 .061	.18 .051	1.03 .011	.02 .101	.02 27.1	nd 58.	.049 1017.8
11:49:12:49	.5 24.1 8.	.009 11. 186.	1.19 183.	.04 .066	.26 .054	1.02 .011	.02 .099	.02 27.4	nd 55.	.051 1017.5
12:19:13:19	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
19:49:13:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
19:19:14:19	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -

Time	CO Temp-H Wind-Spd	TRG Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
13:49-14:49	.7 25.1 10.	.003 12. 177.	- 175.	.01 - -	.14 - -	1.27 - -	.02 .057	.03 27.6	nd 52.	.079 1017.0
14:19-15:19	.6 25.3 9.	nd 11. 192.	- 190.	.01 .107	nd .077	1.22 .019	.02 .071	.02 29.3	nd 49.	.072 1016.9
14:49-15:49	.6 25.5 7.	nd 11. 204.	- 196.	nd .090	nd .067	1.20 .018	.02 .054	.02 29.3	nd 47.	.063 1016.6
15:19-16:19	.6 25.5 7.	nd 11. 207.	- 202.	nd .081	nd .072	1.23 .014	.01 .043	.02 28.0	nd 48.	.067 1016.2
15:49-16:49	.7 25.4 9.	nd 15. 241.	- 221.	nd .092	nd .092	1.26 .010	.01 .035	.02 28.2	nd 49.	.084 * 1016.0
16:19-17:19	.7 25.0 12.	nd 19. 247.	- 223.	nd .110	nd .103	1.27 .010	.01 .023	.02 27.6	nd 51.	.092 * 1016.0
16:49-17:49	.7 24.6 8.	nd 17. 230.	- 212.	.01 .109	nd .090	1.27 .009	.01 .010	.02 26.5	nd 56.	.080 * 1016.0
17:19-18:19	.7 24.0 4.	nd 9. 215.	- 201.	.02 .093	nd .072	1.31 .009	.02 .019	.02 26.1	nd 60.	.066 1016.0
17:49-18:49	.7 23.5 5.	nd 5. 92.	- 58.	.02 .080	nd .065	1.36 .012	.02 .027	.02 26.4	nd 61.	.060 1015.9
18:19-19:19	.6 23.6 7.	nd 9. 94.	- 59.	.01 .076	nd .064	1.41 .012	.02 .033	.02 27.2	nd 60.	.059 1015.8
18:49-19:49	.7 23.7 5.	nd 7. 125.	- 89.	.01 .075	nd .063	1.35 .010	.02 .027	.02 26.4	nd 62.	.058 1015.7
19:19-20:19	.8 23.7 5.	nd 8. 159.	- 123.	nd .075	nd .058	1.26 .011	.02 .017	.02 24.3	nd 70.	.054 1015.8
19:49-20:49	1.1 23.7 4.	nd 12. 172.	- 144.	nd .071	nd .046	1.27 .016	.03 .027	.04 22.9	nd 77.	.044 1015.8

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CO4 Ozone-A	Methane Ozone-P	NOx Solar-Rad	NO2 Temp	NO Humidity	CO2eq Barom
00:19-21:19	1.4 23.5 3.	nd 16. 176.	- 169.	nd .059	nd .031	1.32 .020	.07 .002	.06 22.0	.01 79.	.072 1015.9
01:49-21:49	1.2 23.4 4.	nd 19. 171.	- 179.	nd .053	nd .028	1.37 .022	.07 .002	.06 21.6	.01 79.	.019 1015.9
02:19-23:19	1.0 23.0 6.	nd 20. 169.	- 174.	nd .054	nd .029	1.38 .025	.05 .002	.06 21.2	nd 87.	.020 1016.0
03:49-22:49	.8 22.6 7.	nd 23. 171.	- 172.	nd .051	nd .035	1.34 .021	.03 .002	.04 20.6	nd 85.	.033 1016.2
04:19-23:19	.6 22.1 6.	nd 25. 176.	- 176.	nd .053	nd .044	1.32 .012	nd .002	.02 20.3	nd 86.	.040 1016.2
05:49-23:49	.6 21.9 6.	nd 26. 172.	- 184.	nd .051	nd .041	1.35 .009	nd .002	.02 20.1	nd 87.	.040 1016.0
06:19-00:19	.7 21.8 5.	nd 24. 164.	- 193.	nd .049	nd .039	1.39 .009	.01 .002	.02 20.1	nd 87.	.038 1016.2
07:49-00:49	.7 21.8 5.	nd 22. 166.	- 199.	nd .047	nd .036	1.40 .010	.01 .002	.02 19.9	nd 88.	.037 1015.9
08:07/03										
09:19-01:19	.7 21.6 6.	nd 21. 166.	- 200.	nd .046	nd .034	1.44 .011	.01 .002	.02 19.5	nd 90.	.034 1015.7
10:49-01:49	.6 21.5 5.	nd 21. 170.	- 201.	nd .042	nd .028	1.45 .011	.01 .002	.02 18.9	nd 95.	.032 1015.7
11:19-02:19	.6 21.5 5.	nd 23. 173.	- 204.	nd .036	nd .021	1.43 .012	.02 .002	.02 18.3	nd 97.	.025 1015.1
12:49-02:49	.6 21.4 5.	nd 26. 171.	- 207.	nd .034	nd .020	1.46 .014	.02 .002	.03 18.5	nd 97.	.023 1015.0

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
02:19-03:19	.6 21.8 5.	nd 27. 178.	- 286.	nd .035	nd .023	1.46 .015	.02 .002	.03 18.6	nd 97.	.026 1015.0
02:49-03:49	.6 20.9 5.	nd 27. 172.	- 285.	nd .037	nd .024	1.45 .013	.02 .002	.02 18.5	nd 97.	.027 1015.0
03:19-04:19	.6 20.9 4.	nd 29. 181.	- 210.	nd .036	nd .024	1.46 .011	.01 .000	.02 18.2	nd 99.	.027 1015.0
03:49-04:49	.6 20.7 4.	nd 29. 193.	- 220.	nd .036	nd .026	1.46 .011	.01 .000	.02 18.2	nd 100.	.030 1015.0
04:19-05:19	.6 20.1 4.	nd 26. 183.	- 227.	nd .037	nd .024	1.50 .011	.02 .000	.02 18.0	nd 100.	.028 1015.0
04:49-05:49	.7 20.0 3.	nd 23. 180.	- 240.	nd .034	nd .017	1.58 .013	.03 .000	.03 17.6	nd 100.	.021 1015.0
05:19-06:19	1.0 20.0 2.	nd 22. 207.	- 248.	nd .033	nd .014	1.58 .016	.04 .001	.04 17.4	nd 100.	.018 1015.2
05:49-06:49	1.1 19.4 2.	nd 22. 233.	- 250.	nd .034	nd .011	1.58 .021	.05 .003	.05 17.5	nd 100.	.017 1015.6
06:19-07:19	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
06:49-07:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
07:19-08:19	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
07:49-08:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
08:19-09:19	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -

Time	CO Temp-H Wind-Spd	TPS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
08:49-09:49	-	-	-	-	-	-	-	-	-	-
09:49-10:49	-	-	-	-	-	-	-	-	-	-
10:49-11:49	.6 23.5 9.	.004 12. 244.	1.31 227.	- .065	.34 .055	1.12 -	.02 .075	.02 28.8	nd 54.	.255 1015.8
11:49-12:49	.5 24.2 10.	.006 15. 236.	1.29 222.	- .073	.33 .062	1.10 .012	.01 .083	.01 29.4	nd 52.	.250 1015.5
12:49-13:49	.6 24.5 13.	.009 17. 221.	1.25 211.	- .082	.35 .069	1.03 .015	.02 .089	.02 29.8	nd 52.	.267 1015.3
13:49-14:49	.7 24.8 15.	.010 19. 216.	1.25 206.	- .099	.40 .088	.97 .021	.02 .094	.03 28.4	nd 52.	.276 1014.9
14:49-15:49	.7 25.1 15.	.012 20. 221.	1.24 207.	- .111	.38 .092	.97 .023	.02 .098	.02 28.8	nd 50.	.287 * 1014.5
15:49-16:49	.8 25.4 15.	.014 20. 207.	1.22 196.	- .122	.36 .099	.97 .022	.03 .101	.03 28.6	nd 51.	.292 * 1014.1
16:49-17:49	.9 25.5 16.	.016 22. 188.	1.16 183.	- .129	.33 .101	.94 .025	.03 .099	.03 27.8	nd 53.	.292 * 1013.8
17:49-18:49	.8 25.8 17.	.018 23. 190.	1.10 184.	- .128	.31 .103	.90 .024	.03 .095	.03 28.0	nd 53.	.283 * 1013.3
18:49-19:49	.7 26.3 17.	.020 23. 201.	1.07 193.	- .128	.31 .105	.87 .019	.02 .091	.02 28.9	nd 51.	.295 * 1013.1
19:49-20:49	.5 26.7 18.	.022 23. 208.	1.01 198.	- .122	.28 .101	.83 .013	.01 .087	.01 29.5	nd 49.	.294 * 1013.0
20:49-21:49	.4 26.9 20.	.023 24. 204.	.96 194.	- .112	.25 .093	.81 .012	.01 .088	.02 29.4	nd 50.	.287 * 1012.6

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
15:19-16:19	.4 26.9 21.	.023 24. 200.	.96 191.	- .106	.26 .091	.90 .012	.01 .091	.31 29.1	nd 51.	.080 * 1010.2
15:49-16:49	.4 27.1 19.	.024 22. 203.	1.00 192.	- .105	.31 .094	.79 .008	nd .073	.31 29.1	nd 51.	.089 * 1010.2
16:19-17:19	.3 27.4 19.	.025 20. 206.	1.04 195.	- .105	.35 .090	.77 .009	.01 .068	.01 29.3	nd 51.	.085 * 1011.8
16:49-17:49	.3 27.6 16.	.026 19. 210.	1.04 201.	- .104	.35 .087	.77 .014	.01 .054	.01 29.4	nd 52.	.082 * 1011.6
17:19-18:19	.3 27.8 13.	.025 20. 222.	1.03 213.	- .099	.33 .086	.78 .010	nd .043	nd 29.5	nd 50.	.081 * 1011.4
17:49-18:49	.3 27.9 13.	.024 22. 247.	1.04 230.	- .092	.33 .081	.79 .005	nd .033	nd 29.9	nd 48.	.079 1011.2
18:19-19:19	.3 27.8 9.	.022 21. 259.	1.06 241.	- .088	.33 .078	.82 .004	nd .023	nd 29.9	nd 47.	.074 1011.2
18:49-19:49	.7 27.6 3.	.019 15. 236.	1.11 239.	- .083	.35 .069	.96 .005	.02 .019	.02 28.8	nd 52.	.066 1011.2
19:19-20:19	.9 27.3 3.	.017 13. 199.	1.24 222.	- .078	.41 .062	.93 .011	.03 .012	.33 26.7	nd 61.	.059 1011.0
19:49-20:49	.9 26.9 6.	.013 14. 178.	1.36 215.	- .076	.47 .058	1.01 .017	.03 .004	.04 25.0	nd 60.	.055 1011.0
20:19-21:19	1.1 26.7 7.	.010 15. 172.	1.50 220.	- .075	.53 .050	1.09 .019	.04 .002	.04 24.0	nd 72.	.048 1011.0
20:49-21:49	1.2 26.4 8.	.007 15. 167.	1.54 214.	- .072	.55 .049	1.11 .020	.04 .001	.04 23.6	nd 73.	.048 1011.0
21:19-22:19	1.3 26.1 8.	.005 16. 168.	1.59 211.	- .069	.59 .043	1.13 .022	.04 .000	.04 23.4	nd 73.	.044 1011.0

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
1:49-22:49	1.3 25.9 3.	.004 20. 168.	1.73 210.	- .063	.65 .036	1.21 .024	.04 .000	.05 23.2	nd 75.	.039 1011.0
2:19-23:19	1.1 25.3 8.	.003 20. 169.	1.69 201.	- .060	.61 .038	1.22 .024	.03 .000	.04 23.1	nd 76.	.041 1011.0
3:49-23:49	1.0 24.4 4.	.003 19. 198.	1.62 206.	- .061	.57 .040	1.20 .023	.03 .000	.03 22.4	nd 81.	.043 1011.0
23:19-00:19	.9 23.9 3.	nd 20. 264.	1.66 234.	- .062	.56 .043	1.25 .021	.02 .000	.03 22.4	nd 83.	.046 1011.0
23:49-00:49	.9 23.7 1.	nd 21. 269.	1.76 249.	- .061	.59 .044	1.34 .017	.02 .000	.02 22.7	nd 82.	.046 1010.8
01/07/04 0:19-01:19	.8 23.3 1.	nd 18. 215.	1.89 246.	- .058	.65 .039	1.41 .016	.02 .000	.02 22.4	nd 84.	.042 1010.3
0:49-01:49	.9 23.0 3.	nd 17. 202.	2.16 235.	- .056	.75 .038	1.59 .016	.02 .000	.02 22.0	nd 85.	.041 1010.0
01:19-02:19	.8 22.7 6.	nd 20. 204.	2.18 226.	- .057	.75 .042	1.62 .016	.02 .000	.02 22.2	nd 87.	.045 1010.2
01:49-02:49	.7 22.2 8.	nd 22. 206.	1.73 219.	- .057	.65 .047	1.38 .012	nd .000	.01 22.2	nd 83.	.050 1010.2
02:19-03:19	.6 21.7 10.	nd 24. 212.	1.41 217.	- .057	.42 .050	1.13 .000	nd .000	nd 22.2	nd 85.	.052 1010.2
0:49-03:49	.6 21.3 10.	nd 26. 226.	1.34 221.	- .056	.40 .049	1.07 .006	nd .000	nd 22.1	nd 87.	.050 1010.0
0:19-04:19	.6 20.9 8.	nd 24. 238.	1.36 227.	- .056	.41 .046	1.08 .007	nd .000	nd 21.9	nd 89.	.048 1010.0

Time	CO Temp-H Wind-Spd	TRG Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
03:49-04:49	.6 20.6 5.	nd 20. 239.	1.40 234.	- .054	.44 .044	1.09 .007	nd .000	nd 21.4	nd 92.	.046 1012.0
04:19-05:19	.6 20.3 4.	nd 19. 234.	1.49 237.	- .052	.50 .041	1.12 .009	nd .000	.01 20.9	nd 94.	.044 1012.1
04:49-05:49	.6 20.2 4.	nd 20. 226.	1.57 234.	- .051	.54 .040	1.16 .011	nd .000	nd 20.5	nd 95.	.043 1010.7
05:19-06:19	.6 20.0 4.	nd 19. 217.	1.61 229.	- .050	.57 .040	1.17 .009	nd .001	nd 20.1	nd 97.	.042 1012.4
05:49-06:49	.6 19.9 3.	nd 18. 210.	1.83 229.	- .047	.65 .039	1.32 .007	nd .003	nd 20.0	nd 98.	.040 1010.3
06:19-07:19	.6 19.8 2.	nd 16. 207.	1.97 228.	- .045	.67 .038	1.35 .005	nd .000	nd 20.4	nd 97.	.042 1012.3
06:49-07:49	.6 19.6 2.	nd 13. 211.	1.69 225.	- .047	.60 .037	1.22 .007	nd .015	nd 21.2	nd 94.	.042 1010.4
07:19-08:19	.6 19.7 4.	nd 11. 267.	1.64 237.	- .046	.57 .036	1.20 .009	.01 .023	.01 22.6	nd 89.	.041 1010.5
07:49-08:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
08:19-09:19	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
08:49-09:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
09:19-10:19	.6 20.7 4.	.006 7. 290.	- 259.	nd .051	nd .046	1.21 -	nd .050	nd 26.4	nd 75.	.050 1010.2
09:49-10:49	.6 21.3 2.	.007 4. 301.	- 264.	.02 .055	nd .049	1.18 .007	nd .067	nd 20.3	nd 69.	.052 1010.0

Time	CO Temp-H Wind-Spd	THS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
10:19-11:19	.6 22.0 1.	.008 2. 307.	- 280.	.02 .059	nd .051	1.16 .008	nd .073	nd 29.5	nd 65.	.053 1010.0
11:49-12:49	.6 22.5 1.	.010 1. 207.	- 227.	nd .060	nd .053	1.14 .008	nd .066	nd 28.7	nd 68.	.057 1010.2
12:19-12:19	- - -	- - -	- -	- -	- -	- -	- -	- -	- -	- -
12:49-12:49	- - -	- - -	- -	- -	- -	- -	- -	- -	- -	- -
12:19-13:19	.6 23.2 15.	.014 12. 171.	1.15 165.	nd -	.15 -	1.16 -	.01 .080	nd 26.9	nd 75.	.065 1009.9
12:49-13:49	.6 23.5 18.	.014 15. 169.	1.16 161.	.01 .077	.16 .068	1.16 .010	.01 .059	nd 26.8	nd 75.	.069 1009.7
13:19-14:19	.7 23.9 16.	.014 15. 172.	1.10 171.	.02 .084	.17 .071	1.16 .011	.01 .057	nd 26.7	nd 74.	.072 1009.3
13:49-14:49	.8 24.2 13.	.014 14. 188.	1.14 189.	.03 .084	.14 .069	1.15 .011	.01 .071	nd 27.1	nd 73.	.071 1009.1
14:19-15:19	.7 24.6 11.	.015 13. 215.	1.10 206.	.04 .082	.12 .070	1.13 .009	nd .085	nd 28.6	nd 68.	.075 1009.0
14:49-15:49	.8 24.8 11.	.016 14. 226.	1.13 210.	.04 .078	.16 .074	1.11 .004	.01 .076	nd 29.1	nd 66.	.077 1008.7
15:19-16:19	.8 25.0 12.	.018 14. 224.	1.16 206.	.05 .078	.20 .079	1.11 nd	.01 .062	nd 29.0	nd 66.	.082 * 1008.2
15:49-16:49	.7 24.3 3.	.017 4. 260.	1.14 246.	.05 .087	.19 .074	1.10 .005	.01 .039	nd 29.2	nd 67.	.075 1008.1
16:19-17:19	.6 22.0 7.	.015 11. 26.	1.18 4.	.06 .080	.23 .060	1.10 .010	.02 .022	.01 26.9	nd 69.	.061 1008.1

Time	CO Temp-H Wind-Spd	TRG Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
16:49-17:49	.5 22.3 6.	.013 11. 47.	1.20 17.	.07 .066	.23 .055	1.11 .010	.02 .021	.02 26.5	nd 71.	.057 1003.2
17:19-18:19	.5 22.7 6.	.011 10. 66.	1.16 20.	.07 .064	.16 .054	1.12 .009	.02 .014	.01 26.4	nd 71.	.056 1003.0
17:49-18:49	.5 22.7 6.	.010 11. 72.	1.10 29.	.06 .062	.12 .053	1.19 .007	.02 .009	.01 26.3	nd 72.	.057 1003.0
18:19-19:19	.5 22.2 5.	.008 11. 72.	1.00 33.	.06 .059	nd .053	1.21 .006	.02 .026	.01 25.4	nd 75.	.054 1003.0
18:49-19:49	.6 21.9 4.	.007 8. 86.	1.03 40.	.06 .060	nd .056	1.27 .026	.02 .005	.01 24.9	nd 80.	.055 1003.2
19:19-20:19	.5 21.5 5.	.005 8. 132.	1.12 82.	.06 .064	nd .054	1.37 .009	.02 .004	.01 23.9	nd 82.	.053 1003.5
19:49-20:49	.6 21.3 7.	.005 9. 158.	1.08 97.	.06 .059	nd .049	1.35 .010	.02 .002	.01 22.9	nd 85.	.050 1003.9
20:19-21:19	.9 20.8 7.	.004 9. 170.	1.10 111.	.06 .053	nd .034	1.35 .012	.04 .021	.04 21.7	nd 97.	.037 1009.2
20:49-21:49	1.0 20.1 9.	.003 12. 176.	1.11 128.	.06 .049	nd .027	1.33 .020	.05 .000	.05 20.7	nd 99.	.032 1009.0
21:19-22:19	.8 19.8 9.	.002 15. 181.	1.06 128.	.06 .049	nd .037	1.27 .016	.03 .000	.02 20.2	nd 99.	.040 1009.2
21:49-22:49	.6 19.7 4.	.002 12. 192.	1.02 137.	.06 .052	nd .042	1.25 .010	.01 .000	.01 20.1	nd 99.	.044 1009.0
22:19-23:19	.7 19.4 1.	nd 9. 190.	1.01 171.	.06 .054	nd .038	1.23 .010	.02 .000	.02 19.8	nd 99.	.041 1009.0
22:49-23:49	.8 19.3 1.	nd 12. 201.	1.04 185.	.06 .048	nd .035	1.23 .009	.02 .000	.02 19.5	nd 100.	.037 1009.0

Time	SO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
25:19-00:19	.3 19.3 1.	.002 15. 197.	1.04 191.	.06 .041	nd .033	1.24 .011	.02 .000	.02 19.4	nd 100.	.036 1009.9
47:00:49	.7 19.4 4.	.002 19. 186.	1.12 196.	.06 .044	nd .033	1.29 .013	.02 .000	.01 19.2	nd 100.	.036 1009.6
07/05 26:19-01:19	.7 19.4 4.	nd 20. 188.	1.32 202.	.06 .046	.16 .034	1.38 .010	.01 .000	.01 19.0	nd 100.	.039 1009.7
00:49-01:49	.7 19.2 3.	nd 20. 206.	1.31 210.	.06 .045	.15 .035	1.38 .009	.01 .000	nd 19.9	nd 100.	.040 1009.4
01:19-02:19	.7 19.2 1.	.002 22. 227.	1.18 217.	.06 .045	nd .034	1.33 .009	nd .000	nd 18.9	nd 100.	.039 1009.5
49:02:49	.7 19.1 1.	.002 23. 203.	2.43 220.	.06 .043	.51 .033	2.24 .008	nd .000	nd 19.7	nd 100.	.038 1009.3
19:03:19	.6 19.1 3.	.003 23. 192.	4.06 220.	.06 .044	1.09 .035	3.42 .009	nd .000	nd 18.8	nd 100.	.040 1009.2
49:03:49	.6 19.2 2.	.003 22. 192.	3.93 224.	.06 .043	1.04 .037	3.33 .006	nd .000	nd 18.9	nd 100.	.043 1009.1
03:19-04:19	.6 19.3 0.	.003 21. 197.	2.36 233.	.06 .043	.49 .035	2.16 .005	nd .000	nd 18.7	nd 100.	.041 1009.1
03:49-04:49	.6 19.0 1.	.002 21. 184.	1.70 234.	.06 .039	.31 .030	1.70 .006	nd .000	nd 18.4	nd 100.	.036 1009.1
19:05:19	.6 18.9 1.	.002 21. 181.	1.76 240.	.06 .037	.29 .027	1.71 .009	.01 .000	nd 18.3	nd 100.	.033 1009.2
49:05:49	.6 19.0 0.	.003 21. 177.	1.36 248.	.06 .036	.14 .024	1.42 .010	.01 .000	.01 18.1	nd 100.	.031 1009.4

Time	CO Temp-H Wind-Spd	TRG Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
05:19-06:19	.7 19.0 0.	.003 19. 181.	1.63 248. .	.06 .032 .	.32 .017 .	1.53 .010 .	.02 .000 .	.02 18.0 .	nd 100. .	.003 1202.4 .
06:49-07:49	.8 19.0 0.	.003 16. 98.	1.89 253. .	.06 .029 .	.46 .011 .	1.64 .015 .	.03 .002 .	.02 17.9 .	nd 100. .	.017 1202.7 .
07:19-08:19	.9 19.3 0.	.004 16. 95.	2.51 262. .	.06 .027 .	.69 .008 .	2.39 .018 .	.03 .005 .	.03 18.1 .	nd 100. .	.014 1202.8 .
08:49-09:49	1.0 19.4 0.	.003 15. 40.	3.24 261. .	.06 .027 .	.97 .007 .	2.59 .019 .	.04 .009 .	.03 18.4 .	.01 100. .	.015 1202.8 .
09:19-10:19	1.2 19.1 0.	.002 15. 111.	3.66 271. .	.06 .026 .	1.15 .006 .	2.86 .019 .	.06 .018 .	.04 19.5 .	.03 99. .	.014 1202.9 .
10:49-11:49	1.1 18.0 0.	nd 12. 328.	2.97 291. .	.06 .027 .	.89 .010 .	2.37 .017 .	.05 .030 .	.03 21.7 .	.02 94. .	.019 1202.9 .
11:19-12:19	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
12:49-01:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
01:19-02:19	.6 20.4 1.	.004 2. 332.	1.34 306. .	nd - .	.32 - .	1.20 - .	.02 .036 .	.02 25.7 .	nd 71. .	.031 1209.0 .
02:49-03:49	.7 20.9 1.	.004 1. 326.	1.35 29. .	.01 .037 .	.35 .023 .	1.18 .012 .	.03 .032 .	.03 25.6 .	nd 70. .	.030 1209.0 .
03:19-04:19	.9 21.3 3.	.005 1. 321.	1.42 28. .	.02 .040 .	.41 .027 .	1.18 .015 .	.04 .050 .	.04 25.6 .	nd 69. .	.034 1209.0 .
04:49-05:49	.9 22.1 2.	.005 0. 307.	1.41 27. .	.02 .048 .	.41 .035 .	1.17 .016 .	.04 .070 .	.04 26.9 .	nd 65. .	.044 1209.0 .
05:19-06:19	.7 22.9 3.	.007 2. 199.	1.30 177. .	.01 .052 .	.33 .036 .	1.13 .012 .	.04 .064 .	.04 27.7 .	nd 64. .	.045 1209.0 .

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
149-12:49	.7 23.1 8.	.009 7. 179.	1.26 167.	nd .044	.31 .028	1.14 .010	.05 .371	.04 27.1	.01 66.	.077 1009.2
149-13:19	.6 23.3 12.	.010 13. 173.	1.25 156.	nd .039	.29 .029	1.12 .011	.05 .090	.04 27.2	.02 64.	.038 1009.2
149-13:49	.6 22.9 19.	.012 21. 180.	1.30 164.	nd .048	.35 .047	1.11 .011	.03 .073	.03 26.3	nd 67.	.055 1009.0
149-14:19	.8 22.1 23.	.013 26. 198.	1.44 174.	nd .065	.44 .059	1.15 .009	.02 .071	.02 25.2	nd 75.	.067 1009.7
149-14:49	.8 22.1 20.	.014 25. 195.	1.35 181.	nd .072	.40 .051	1.10 .015	.03 .090	.03 25.6	nd 77.	.060 1009.2
149-15:19	.6 22.6 14.	.015 21. 217.	1.23 197.	nd .065	.34 .047	1.03 .015	.02 .067	.02 26.5	nd 74.	.055 1008.0
149-15:49	.6 22.3 14.	.015 24. 238.	1.21 213.	nd .056	.33 .048	1.02 .009	.02 .032	.02 26.2	nd 74.	.058 1008.0
149-16:19	.5 21.2 15.	.013 29. 230.	1.14 210.	nd .054	.27 .043	1.01 .007	.01 .016	.01 24.0	nd 84.	.056 1008.0
149-16:49	.5 20.3 13.	.011 28. 226.	1.08 205.	.02 .052	.21 .039	1.02 .006	.01 .011	.01 22.4	nd 91.	.051 1008.1
149-17:19	.5 20.3 10.	.008 25. 220.	1.09 195.	.03 .049	.19 .041	1.06 .008	.02 .008	.02 22.2	nd 91.	.050 1008.1
149-17:49	.5 20.3 11.	.006 22. 221.	1.05 192.	.04 .051	.14 .042	1.06 .008	.01 .016	.01 22.5	nd 87.	.052 1008.0
149-18:19	.5 19.7 9.	.004 17. 217.	1.01 195.	.04 .051	.11 .040	1.07 .006	.01 .019	.01 22.2	nd 83.	.050 1008.0
149-18:49	.5 19.2 7.	.003 13. 199.	1.03 187.	.04 .046	.14 .035	1.07 .006	.02 .017	.02 21.5	nd 82.	.044 1008.0

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
19:19-19:19	.5 19.5 7.	.004 13. 177.	1.09 191.	.04 .041	.18 .029	1.05 .009	.02 .025	.02 21.6	nd 81.	.043 1028.1
19:49-19:49	.5 20.3 9.	.004 17. 195.	1.09 199.	.04 .040	.17 .030	1.09 .009	.03 .027	.02 22.4	nd 80.	.040 1028.2
19:19-20:19	.5 20.9 10.	.004 19. 212.	1.09 203.	.05 .043	.17 .032	1.09 .010	.03 .017	.03 22.9	nd 80.	.043 1028.1
19:49-20:49	.5 21.0 9.	.003 20. 216.	1.14 205.	.05 .046	.21 .031	1.10 .013	.03 .009	.03 22.8	nd 79.	.045 1028.2
20:19-21:19	.7 20.6 7.	.003 21. 217.	1.16 205.	.05 .045	.23 .032	1.10 .014	.02 .003	.03 22.8	nd 79.	.044 1028.1
20:49-21:49	.6 20.2 7.	nd 21. 202.	1.14 199.	.05 .043	.20 .029	1.11 .011	.03 .000	.03 20.9	nd 82.	.038 1028.1
21:19-22:19	.5 19.9 8.	.002 24. 193.	1.16 200.	.05 .037	.20 .024	1.15 .009	.03 .000	.03 20.3	nd 85.	.031 1028.5
21:49-22:49	.5 19.6 9.	.003 26. 190.	1.18 203.	.06 .034	.21 .022	1.15 .012	.02 .000	.03 20.2	nd 87.	.030 1028.7
22:19-23:19	.5 19.4 9.	.002 26. 188.	1.16 204.	.06 .035	.19 .021	1.16 .013	.02 .000	.03 20.0	nd 90.	.029 1028.5
22:49-23:49	.5 19.4 10.	.002 30. 202.	1.17 204.	.06 .035	.19 .020	1.15 .013	.03 .000	.03 20.1	nd 90.	.027 1028.7
23:19-00:19	.7 19.5 12.	.003 31. 211.	1.17 205.	.06 .034	.19 .019	1.17 .013	.03 .000	.03 20.1	nd 89.	.025 1028.8
23:49-00:49	.7 19.4 12.	.003 31. 214.	1.17 206.	.06 .033	.19 .022	1.17 .013	.03 .000	.03 20.6	nd 91.	.028 1028.9
04/07/06 00:19-01:19	.5 19.3 11.	.003 30. 214.	1.17 209.	.06 .035	.20 .027	1.16 .010	.02 .000	.02 20.5	nd 93.	.033 1028.7

Time	CO Temp-H Wind-Spd	TSR Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
01:49-01:49	.5 19.4 11.	.003 29. 210.	1.14 226.	.06 .038	.20 .029	1.12 .008	.21 .000	.01 20.6	nd 94.	.074 1008.2
01:19-02:19	.5 19.4 11.	.004 28. 208.	1.17 223.	.06 .037	.25 .027	1.09 .008	.21 .000	.01 20.6	nd 94.	.033 1008.0
01:49-02:49	.5 19.3 10.	.004 26. 195.	1.25 200.	.06 .034	.31 .025	1.10 .008	.21 .000	.01 20.2	nd 96.	.031 1008.2
02:19-03:19	.5 19.4 9.	.004 26. 188.	1.25 199.	.06 .032	.31 .022	1.11 .008	.21 .000	.01 20.0	nd 98.	.032 1007.9
02:49-03:49	.5 19.2 7.	.004 23. 194.	1.25 204.	.06 .030	.30 .021	1.11 .008	.21 .000	.01 19.9	nd 99.	.028 1007.8
03:19-04:19	.6 18.9 3.	.004 14. 222.	1.35 223.	.06 .029	.37 .019	1.14 .011	.22 .000	.22 20.0	nd 99.	.025 1007.7
03:49-04:49	.6 18.6 2.	.004 10. 269.	1.44 229.	.06 .028	.44 .014	1.16 .012	.23 .000	.23 20.2	nd 99.	.021 1007.6
04:19-05:19	.6 18.7 2.	.004 13. 189.	1.33 200.	.06 .029	.38 .014	1.16 .013	.22 .000	.22 20.2	nd 99.	.021 1007.4
04:49-05:49	.5 18.8 4.	.004 16. 170.	1.30 188.	.06 .028	.33 .016	1.14 .013	.22 .000	.22 20.2	nd 99.	.024 1007.1
05:19-06:19	.5 19.0 4.	.004 19. 179.	1.31 188.	.06 .028	.34 .016	1.13 .012	.22 .000	.22 20.4	nd 99.	.023 1007.0
05:49-06:49	.4 19.2 6.	.004 20. 201.	1.22 195.	.06 .028	.29 .018	1.10 .011	.22 .001	.22 20.7	nd 98.	.026 1006.7
06:19-07:19	.4 18.1 8.	.004 16. 280.	1.16 259.	.06 .030	.26 .021	1.05 .009	.21 .022	.21 20.2	nd 96.	.032 1006.3
06:49-07:49	.4 16.2 12.	.003 26. 328.	1.20 310.	.06 .031	.28 .021	1.07 .008	.21 .010	.21 18.9	nd 98.	.032 1007.0

Time	CO Temp-H Wind-Spd	TRG Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Baroc
07:19-08:19	.4 15.6 6.	.003 18. 345.	1.17 316.	.26 .029	.26 .021	1.06 .008	.02 .012	.01 18.5	nd 100.	.031 1007.0
07:49-08:49	.3 15.7 1.	.003 7. 259.	1.17 277.	.26 .027	.27 .022	1.05 .007	.01 .004	nd 18.0	nd 100.	.032 1007.1
08:19-09:19	.3 15.7 7.	.003 10. 172.	1.22 180.	.26 .028	.29 .028	1.08 .006	.02 .006	.02 17.8	nd 100.	.029 1007.1
08:49-09:49	.3 16.2 10.	.003 19. 181.	1.19 190.	.26 .028	.27 .028	1.09 .008	.02 .012	.02 18.4	nd 97.	.029 1007.0
09:19-10:19	.3 16.0 12.	.002 24. 197.	1.15 205.	.26 .029	.25 .023	1.05 .007	.02 .012	.02 19.0	nd 94.	.032 1007.0
09:49-10:49	.3 17.0 14.	.003 26. 196.	1.16 201.	.25 .031	.26 .024	1.06 .007	.01 .012	.01 19.3	nd 93.	.034 1006.9
10:19-11:19	.4 17.1 15.	.003 24. 191.	1.18 195.	.25 .032	.26 .025	1.07 .006	.02 .024	.01 19.8	nd 92.	.033 1006.6
10:49-11:49	.5 17.4 15.	.002 21. 195.	1.19 196.	.24 .035	.27 .025	1.08 .009	.02 .033	.02 20.6	nd 90.	.033 1006.2
11:19-12:19	.5 18.2 14.	.002 20. 217.	1.19 209.	.24 .039	.27 .028	1.07 .011	.02 .064	.02 22.5	nd 84.	.037 1006.0
11:49-12:49	.6 19.1 15.	.004 20. 262.	1.15 241.	.23 -	.26 -	1.04 -	.02 .082	.02 24.4	nd 75.	.042 1006.0
12:19-13:19	.6 19.4 17.	.004 23. 279.	1.14 255.	.23 -	.26 -	1.03 -	.02 .046	.02 24.0	nd 73.	.043 1006.1
12:49-13:49	.5 19.0 12.	.003 19. 271.	1.12 250.	.23 .041	.24 .027	1.03 .013	.01 .040	.01 22.6	nd 80.	.040 1006.3
13:19-14:19	.5 18.7 7.	.003 14. 232.	1.09 228.	.24 .041	.23 .027	1.04 .012	.01 .041	.01 21.9	nd 85.	.038 1006.3

Time	CO Temp-H Wind-Spd	TRB Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
:49-14:49	.5 18.9 8.	.003 13. 197.	1.06 201.	.04 .042	.18 .029	1.04 .014	.01 .060	.01 22.7	nd 84.	.040 1005.9
:19-15:19	.5 19.5 6.	.003 11. 225.	1.04 222.	.05 .044	.18 .031	1.01 .013	nd .078	nd 23.9	nd 78.	.043 1005.7
:49-15:49	.3 20.5 12.	.003 17. 281.	1.01 257.	.05 .043	.18 .034	.97 .009	nd .077	nd 25.2	nd 67.	.047 1005.5
15:19-16:19	.3 21.2 18.	.004 23. 292.	1.00 267.	.05 .045	.19 .034	.95 .008	nd .078	nd 26.1	nd 60.	.049 1005.5
15:49-16:49	.3 21.4 22.	.005 28. 298.	1.04 272.	.05 .044	.22 .034	.95 .007	.01 .072	nd 26.0	nd 57.	.049 1005.8
:19-17:19	.3 21.5 23.	.005 29. 297.	1.06 273.	.05 .043	.24 .033	.95 .006	nd .069	nd 25.8	nd 55.	.047 1005.9
:49-17:49	.3 21.4 24.	.004 31. 302.	1.06 279.	.05 .042	.25 .032	.95 .007	nd .056	nd 25.3	nd 54.	.045 1006.0
:19-18:19	.3 21.2 29.	.004 37. 307.	1.11 283.	.05 .037	.28 .029	.96 .004	nd .055	nd 25.2	nd 52.	.041 1006.2
17:49-18:49	.2 20.9 28.	.004 38. 306.	1.13 283.	.05 .035	.30 .029	.96 nd	nd .052	nd 24.9	nd 48.	.041 1006.7
18:19-19:19	.2 20.6 28.	.004 37. 307.	1.13 284.	.05 .036	.29 .031	.97 nd	nd .041	nd 24.4	nd 46.	.043 1007.0
18:49-19:49	.2 20.0 25.	.004 35. 313.	1.12 290.	.05 .036	.26 .029	.99 nd	nd .029	nd 23.9	nd 46.	.040 1007.4
:19-20:19	.2 19.0 21.	.003 34. 322.	1.11 302.	.05 .032	.24 .025	1.01 nd	nd .019	nd 22.9	nd 53.	.035 1007.9
:49-20:49	.3 17.8 16.	.002 33. 334.	1.12 313.	.06 .030	.24 .021	1.03 .005	.01 .009	.01 21.5	nd 60.	.029 1008.4

Time	SO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THO Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Baron
20:19-21:19	.2 16.7 14.	nd 30. 342.	1.12 314.	.06 .030	.23 .019	1.24 .009	.01 .003	nd 20.2	nd 64.	.027 1027.3
20:49-21:49	.2 15.9 13.	.002 27. 337.	1.14 311.	.06 .027	.24 .020	1.05 .007	nd .001	nd 19.8	nd 65.	.027 1029.4
21:19-22:19	.2 15.2 13.	.002 25. 329.	1.17 307.	.05 .025	.27 .019	1.05 .005	nd .000	nd 17.9	nd 66.	.027 1012.0
21:49-22:49	.2 14.5 16.	.002 26. 323.	1.20 301.	.06 .026	.30 .019	1.05 .006	nd .000	nd 17.2	nd 64.	.028 1010.6
22:19-23:19	.2 13.9 16.	.002 26. 315.	1.26 292.	.05 .025	.34 .020	1.06 .004	nd .000	nd 16.6	nd 63.	.029 1011.1
22:49-23:49	.2 13.3 13.	.003 24. 305.	1.30 283.	.06 .024	.38 .019	1.06 nd	nd .000	nd 15.8	nd 66.	.027 1011.6
23:19-00:19	.2 12.7 11.	.002 23. 298.	1.33 280.	.06 .024	.40 .018	1.08 .005	.01 .000	nd 15.1	nd 69.	.026 1011.9
23:49-00:49	.2 12.3 9.	nd 23. 299.	1.30 274.	.05 .023	.33 .018	1.12 nd	.01 .000	nd 14.6	nd 71.	.027 1012.0
04/07/07										
00:19-01:19	.2 12.1 8.	nd 24. 276.	1.21 267.	.05 .023	.24 .017	1.15 nd	nd .000	nd 14.0	nd 74.	.026 1012.0
00:49-01:49	.2 11.7 10.	nd 25. 282.	1.19 271.	.05 .023	.21 .017	1.16 .005	.01 .000	nd 13.7	nd 74.	.026 1012.0
01:19-02:19	.2 11.3 10.	nd 25. 284.	1.18 272.	.05 .023	.20 .017	1.17 .006	.01 .000	nd 13.6	.01 72.	.026 1012.1
01:49-02:49	.2 11.0 8.	nd 24. 279.	1.18 268.	.05 .022	.19 .019	1.19 nd	nd .000	nd 13.1	nd 73.	.027 1012.4

Time	SO ₂ Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO ₂ Ozone-T	Non-CH ₄ Ozone-A	Methane Ozone-F	NO _x SolarRad	NO ₂ Temp	NO Humidity	Ozone Barom
02:19-03:19	.2 10.7 8.	nd 24. 278.	1.20 269.	.05 .021	.19 .019	1.20 nd	nd .000	nd 12.7	nd 74.	.027 1012.7
03:49-04:49	.2 10.3 6.	nd 21. 264.	1.24 265.	.05 .021	.20 .016	1.24 nd	nd .000	nd 12.3	nd 76.	.024 1012.9
04:19-05:19	.2 10.0 5.	nd 20. 245.	1.30 260.	.05 .022	.22 .014	1.29 .006	nd .000	.01 11.8	nd 79.	.022 1013.0
05:49-06:49	.2 9.9 5.	nd 22. 244.	1.40 258.	.05 .023	.26 .013	1.36 .009	.01 .000	.01 11.4	nd 81.	.023 1013.5
06:19-07:19	.2 9.8 5.	nd 23. 246.	1.51 261.	.06 .024	.30 .012	1.44 .010	.01 .000	.01 11.2	nd 81.	.019 1013.9
07:49-08:49	.2 9.7 5.	nd 22. 251.	1.55 264.	.06 .023	.31 .012	1.47 .011	.01 .000	.01 11.1	nd 82.	.021 1014.4
08:19-09:19	.2 9.5 6.	nd 22. 249.	1.57 264.	.06 .022	.31 .011	1.49 .010	nd .001	.01 11.0	nd 82.	.020 1014.8
09:49-10:49	.2 9.4 6.	nd 23. 247.	1.57 262.	.05 .022	.32 .012	1.49 .010	nd .004	.01 11.2	nd 82.	.020 1015.3
10:19-11:19	.2 9.3 6.	nd 23. 247.	1.58 261.	.05 .023	.32 .013	1.50 .011	nd .007	.01 11.7	nd 80.	.021 1015.8
11:49-12:49	.2 9.5 9.	nd 22. 270.	1.47 261.	.05 .023	.29 .015	1.40 .009	nd .017	nd 12.9	nd 76.	.024 1016.2
13:19-14:19	.2 10.1 16.	nd 26. 289.	1.28 266.	.05 .021	.23 .018	1.24 .004	nd .029	nd 14.3	nd 72.	.028 1016.0
14:49-15:49	.2 10.7 23.	nd 30. 295.	1.20 269.	.05 .022	.22 .019	1.16 nd	nd .040	nd 14.9	nd 69.	.029 1016.0
16:19-17:19	.2 11.2 28.	nd 34. 301.	1.22 276.	.05 .022	.25 .020	1.15 nd	nd .050	nd 15.5	nd 67.	.029 1016.0

Time	CO Temp-H Wind-Spd	TRE Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
08:49-09:49	.2 11.4 29.	.003 36. 307.	1.25 288.	.05 .021	.28 .019	1.14 nd	.01 .056	nd 16.2	nd 66.	.029 1016.0
09:19-10:19	.2 11.8 29.	.005 35. 313.	1.25 286.	.04 .022	.29 .018	1.13 nd	.01 .069	nd 16.9	nd 63.	.029 1016.0
09:49-10:49	.2 12.2 27.	.005 34. 316.	1.27 291.	.03 .022	.31 .019	1.13 nd	nd .060	nd 17.3	nd 62.	.033 1016.0
10:19-11:19	.2 12.5 21.	.005 29. 316.	1.31 290.	.03 .022	.35 .021	1.12 nd	nd .049	nd 17.5	nd 61.	.031 1016.8
10:49-11:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
11:19-12:19	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
11:49-12:49	.2 13.9 16.	.006 27. 333.	1.37 309.	.02 .027	.42 .023	1.10 -	nd .054	nd 19.3	nd 54.	.033 1217.2
12:19-13:19	.2 14.5 15.	.006 25. 327.	1.40 301.	.02 .027	.45 .024	1.09 nd	nd .042	nd 19.5	nd 53.	.034 1017.2
12:49-13:49	.2 14.7 16.	.006 22. 320.	1.42 292.	.02 .026	.47 .024	1.09 nd	.01 .036	nd 19.3	nd 54.	.034 1017.5
13:19-14:19	.2 15.0 13.	.007 19. 319.	1.45 294.	.01 .026	.50 .024	1.08 nd	.01 .052	nd 20.4	nd 52.	.034 1017.9
13:49-14:49	.2 15.3 13.	.007 21. 330.	1.48 304.	nd .027	.53 .024	1.07 nd	nd .047	nd 20.7	nd 52.	.033 1018.0
14:19-15:19	.2 15.4 14.	.008 24. 335.	1.53 307.	nd .028	.57 .025	1.08 nd	nd .046	nd 20.7	nd 50.	.034 1018.0
14:49-15:49	.2 15.6 11.	.008 19. 337.	1.56 308.	nd .029	.60 .024	1.08 nd	nd .045	nd 21.3	nd 50.	.034 1018.1

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Sarnia
15:19-16:19	.2 15.8 8.	.007 16. 341.	1.55 329.	nd .029	.62 .025	1.28 nd	nd .049	nd 21.6	nd 49.	.034 1018.2
16:49-17:49	.2 16.2 9.	.007 15. 329.	1.59 298.	.01 .028	.63 .026	1.08 nd	nd .066	nd 21.9	nd 47.	.036 1018.2
17:19-18:19	.2 16.7 12.	.007 17. 302.	1.56 276.	.02 .029	.60 .025	1.37 nd	nd .053	nd 21.4	nd 47.	.038 1018.2
17:49-18:49	.2 17.2 14.	.008 19. 292.	1.50 267.	.03 .030	.59 .026	1.03 nd	nd .049	nd 21.2	nd 47.	.038 1018.1
18:19-19:19	.2 17.4 15.	.009 19. 282.	1.55 260.	.03 .031	.65 .026	.98 nd	nd .051	nd 21.5	nd 47.	.038 1018.1
19:49-20:49	.2 17.4 13.	.010 17. 279.	1.72 256.	.03 .031	.90 .027	.98 nd	nd .028	nd 21.0	nd 49.	.039 1018.0
20:19-21:19	.2 17.4 8.	.012 13. 301.	1.82 275.	.04 .031	.89 .028	.99 nd	nd .020	nd 20.8	nd 50.	.039 1018.0
21:49-22:49	.2 17.5 7.	.011 14. 328.	1.85 299.	.04 .031	.91 .027	.99 .004	nd .023	nd 21.2	nd 50.	.037 1018.0
22:19-23:19	.2 17.6 7.	.012 15. 321.	1.88 297.	.04 .032	.94 .025	.99 .006	.01 .019	nd 21.1	nd 51.	.035 1018.0
23:49-24:49	.3 17.6 7.	.012 14. 313.	1.93 291.	.04 .031	.99 .025	.99 nd	nd .012	nd 20.5	nd 53.	.035 1018.0
24:19-25:19	.5 17.5 3.	.012 14. 310.	2.11 289.	.04 .031	1.13 .022	1.00 .005	.01 .005	.21 19.2	nd 59.	.030 1018.0
25:49-26:49	.6 17.3 1.	.011 13. 297.	2.16 280.	.05 .030	1.17 .014	1.03 .013	.03 .001	.03 17.1	nd 71.	.019 1018.4
26:19-27:19	.4 17.2 0.	.009 13. 255.	2.17 265.	.05 .024	1.10 .009	1.13 .016	.03 .000	.03 15.4	nd 82.	.014 1019.9

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
21:49-22:49	.5 17.1 0.	.009 13. 258.	2.33 259. 258.	.05 .020	1.15 .026	1.26 .013	.04 .000	.04 14.6	.01 87.	.012 1019.0
22:19-23:19	.6 17.1 0.	.009 14. 231.	2.37 261. 231.	.05 .020	1.17 nd	1.29 .015	.05 .000	.04 14.4	.02 85.	.009 1019.1
22:49-23:49	.5 17.1 0.	.009 14. 203.	2.25 256. 203.	.05 .019	1.10 nd	1.23 .016	.05 .000	.04 14.3	.01 89.	.009 1019.7
23:19-00:19	.5 17.0 0.	.009 14. 199.	2.22 245. 199.	.05 .020	1.08 nd	1.22 .016	.04 .000	.04 14.2	nd 90.	.010 1019.5
23:49-00:49	.5 16.9 0.	.009 15. 229.	2.22 233. 229.	.05 .020	1.11 .005	1.19 .016	.03 .000	.03 13.9	nd 91.	.010 1019.8
04/07/08										
00:19-01:19	.3 16.9 0.	.010 16. 227.	2.17 231. 227.	.05 .023	1.08 .010	1.16 .015	.02 .000	.02 13.4	nd 93.	.016 1020.0
00:49-01:49	.3 16.7 0.	.010 17. 253.	2.40 239. 253.	.05 .024	1.15 .013	1.34 .012	.02 .000	.02 12.9	nd 91.	.018 1020.3
01:19-02:19	.3 16.4 0.	.010 19. 262.	3.20 243. 262.	.05 .022	1.43 .011	1.93 .010	.02 .000	.02 12.5	nd 90.	.016 1020.0
01:49-02:49	.3 16.0 0.	.010 19. 230.	3.29 252. 230.	.05 .021	1.44 .010	2.02 .011	.02 .000	.02 12.4	nd 89.	.015 1020.0
02:19-03:19	.3 15.3 0.	.011 19. 263.	2.93 274. 263.	.05 .021	1.31 .009	1.77 .012	.02 .000	.02 12.4	nd 88.	.015 1020.0
02:49-03:49	.4 14.7 0.	.011 23. 282.	2.83 289. 282.	.05 .021	1.29 .008	1.66 .013	.02 .000	.02 12.1	nd 88.	.014 1020.1
03:19-04:19	.4 14.8 0.	.010 24. 285.	2.70 292. 285.	.05 .021	1.29 .008	1.52 .011	.02 .000	.02 11.7	nd 90.	.014 1020.4

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barco
03:49-04:49	.4 14.7 0.	.010 24. 330.	2.67 294.	.06 .019	1.28 .004	1.49 .012	.03 .000	.03 11.0	nd 92.	.011 1020.8
04:19-05:19	.3 14.8 1.	.011 23. 306.	2.65 297.	.06 .017	1.25 .004	1.50 .013	.03 .000	.02 11.0	nd 91.	.010 1020.9
04:49-05:49	.3 14.9 2.	.011 21. 313.	2.67 300.	.05 .018	1.28 .005	1.50 .013	.02 .000	.02 11.3	nd 90.	.011 1021.0
05:19-06:19	.3 14.6 1.	.011 21. 326.	2.49 298.	.06 .018	1.20 .005	1.38 .012	.03 .000	.02 11.4	nd 90.	.011 1021.7
05:49-06:49	.3 14.5 1.	.010 20. 327.	2.40 297.	.06 .017	1.18 .007	1.30 .011	.02 .003	.02 11.6	nd 89.	.010 1021.8
06:19-07:19	.3 14.6 1.	.010 18. 299.	2.38 297.	.06 .019	1.17 .009	1.28 .010	.02 .007	.02 12.4	nd 85.	.014 1021.9
06:49-07:49	.3 14.9 2.	.010 17. 307.	2.39 291.	.06 .019	1.18 .010	1.28 .009	.02 .016	.01 13.7	nd 80.	.015 1022.0
07:19-08:19	.3 15.3 3.	.009 15. 321.	2.35 288.	.06 .020	1.15 .011	1.28 .008	.02 .031	.01 15.7	nd 75.	.010 1022.0
07:49-08:49	.3 15.1 3.	.008 11. 326.	2.22 292.	.06 .019	1.06 .012	1.24 .008	.01 .042	nd 17.7	nd 71.	.021 1022.0
08:19-09:19	.3 15.4 1.	.008 7. 329.	2.10 295.	.06 .021	1.01 .015	1.17 .008	.01 .052	nd 20.0	nd 64.	.024 1022.1
08:49-09:49	.2 16.4 1.	.007 4. 315.	1.94 293.	.06 .024	.98 .017	1.15 .007	.01 .062	nd 22.6	nd 55.	.026 1022.2
09:19-10:19	.2 17.0 1.	.006 3. 299.	1.67 287.	.05 .024	.63 .019	1.17 .005	.01 .071	nd 24.5	nd 46.	.029 1022.4
09:49-10:49	.2 17.5 2.	.006 4. 326.	1.46 297.	.04 .024	.46 .021	1.15 nd	nd .080	nd 25.5	nd 40.	.032 1022.4

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-OHA Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Baron
10:19-11:19	.1 17.9 3.	.007 3. 346.	1.39 314.	.02 .026	.40 .023	1.12 nd	nd .007	nd 26.7	nd 37.	.035 1022.2
10:49-11:49	.1 18.3 2.	.007 3. 321.	1.33 317.	nd .028	.37 .023	1.11 .004	nd .094	nd 26.0	nd 37.	.035 1022.1
11:19-12:19	.1 18.8 3.	.008 2. 298.	1.31 301.	nd .030	.37 .023	1.09 .004	nd .100	nd 25.5	nd 38.	.036 1022.1
11:49-12:49	.2 19.2 3.	.012 4. 301.	1.39 292.	nd .030	.50 .026	1.00 nd	nd .103	nd 25.9	nd 38.	.035 1022.2
12:19-13:19	.2 19.5 4.	.016 6. 307.	1.72 283.	nd .028	.84 .025	.94 nd	nd .106	nd 26.2	nd 38.	.037 1022.2
12:49-13:49	.2 19.9 5.	.019 7. 308.	2.07 283.	nd .028	1.14 .027	.95 nd	nd .105	nd 26.4	nd 37.	.039 1022.0
13:19-14:19	.2 20.3 4.	.022 6. 305.	2.20 281.	nd .030	1.24 .029	.97 nd	nd .090	nd 26.6	nd 36.	.040 1022.0
13:49-14:49	.1 20.5 3.	.023 5. 296.	2.19 271.	nd .031	1.23 .030	.97 nd	nd .076	nd 26.3	nd 38.	.041 1021.9
14:19-15:19	.2 20.6 2.	.024 3. 340.	2.28 284.	nd .035	1.31 .030	.98 nd	nd .068	nd 26.4	nd 39.	.042 1021.3
14:49-15:49	.2 20.8 4.	.026 3. 162.	2.29 155.	.01 .039	1.31 .028	.96 .007	.01 .076	.01 26.2	nd 41.	.041 1020.9
15:19-16:19	.1 21.0 9.	.027 * 10. 174.	2.15 153.	.04 .041	1.19 .022	.98 .013	.04 .088	.03 25.2	.02 44.	.034 1020.5
15:49-16:49	.2 21.1 9.	.027 * 11. 180.	2.11 163.	.05 .040	1.15 .025	.98 .019	.05 .087	.04 25.0	.02 45.	.034 1020.1
16:19-17:19	.2 21.2 10.	.028 * 12. 193.	2.09 180.	.03 .053	1.14 .039	.97 .023	.03 .081	.03 25.2	.01 45.	.044 1019.9

Time	CO Temp-H Wind-Epd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
14-17:49	.2 21.2 7.	.028 * 15. 185.	2.13 170.	.02 .072	1.16 .050	.98 .023	.02 .070	.02 24.9	nd 45.	.052 1019.7
15-18:19	.3 21.2 2.	.028 * 17. 168.	2.12 163.	.01 .079	1.15 .056	1.00 .020	.02 .057	.02 24.3	nd 47.	.057 1019.3
16-18:49	.3 21.2 0.	.025 16. 316.	1.97 163.	nd .081	.99 .060	1.03 .023	.02 .042	.02 24.0	nd 48.	.060 1019.1
17-19-19:19	.4 21.1 0.	.021 16. 4.	1.81 170.	nd .084	.82 .067	1.06 .025	.02 .037	.02 23.7	nd 50.	.060 1019.2
18-19-19:49	.4 21.1 0.	.019 16. 19.	1.70 180.	nd .092	.72 .073	1.08 .022	.01 .034	.01 23.7	nd 49.	.075 1019.6
19-19-20:19	.5 21.1 0.	.018 14. 22.	1.65 180.	.02 .091	.68 .066	1.07 .015	.01 .021	.01 23.1	nd 52.	.068 1019.9
20-19-20:49	.6 21.0 0.	.017 15. 20.	1.71 177.	.03 .081	.75 .054	1.05 .016	.02 .009	.02 22.0	nd 56.	.055 1020.0
21-19-21:19	.4 20.3 0.	.016 22. 3.	1.81 169.	.04 .072	.84 .046	1.04 .017	.02 .003	.02 21.1	nd 57.	.048 1020.0
22-19-21:49	.2 19.5 0.	.015 20. 343.	1.95 162.	.04 .061	.88 .039	1.04 .015	.02 .000	.02 20.4	nd 58.	.041 1020.0
23-19-22:19	.2 18.9 0.	.014 29. 342.	1.90 158.	.04 .054	.91 .037	1.06 .016	.02 .000	.02 19.9	nd 60.	.040 1020.0
24-19-22:49	.2 18.3 0.	.013 28. 343.	1.99 156.	.04 .055	.95 .023	1.11 .020	.05 .000	.05 19.7	nd 62.	.027 1020.0
25-19-23:19	.2 17.8 0.	.013 29. 344.	1.98 155.	.05 .050	.94 .019	1.11 .027	.06 .000	.07 19.4	nd 64.	.023 1019.8
26-19-23:49	.2 17.7 0.	.013 29. 344.	1.93 154.	.05 .051	.93 .020	1.07 .020	.05 .000	.05 19.3	nd 66.	.030 1019.4

Time	CO Temp-H Wind-Spd	TRB Wspd-H Wind-Dir	TRC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
23:19-00:19	.2 17.7 0.	.011 27. 345.	1.96 154.	.05 .048	.95 .026	1.08 .026	.05 .000	.25 19.2	nd 66.	.328 1019.1
23:49-00:49	.2 17.4 0.	.011 26. 346.	1.96 155.	.05 .046	.95 .026	1.08 .023	.04 .000	.04 18.9	nd 66.	.029 1019.2
04/07/09 00:19-01:19	.2 17.2 0.	.011 24. 347.	1.96 157.	.05 .050	.96 .034	1.06 .016	.02 .000	.02 18.7	nd 72.	.336 1019.2
00:49-01:49	.2 17.2 0.	.010 24. 350.	1.98 160.	.05 .046	.98 .039	1.05 .009	nd .000	nd 18.5	nd 76.	.342 1019.0
01:19-02:19	.2 17.0 0.	.009 26. 347.	1.98 163.	.05 .044	.98 .037	1.05 .005	nd .000	nd 18.4	nd 78.	.341 1019.2
01:49-02:49	.2 17.2 0.	.009 30. 343.	1.96 166.	.05 .042	.97 .036	1.05 .006	nd .000	nd 18.2	nd 78.	.339 1019.8
02:19-03:19	.2 17.2 0.	.009 29. 344.	1.98 168.	.05 .041	.97 .034	1.07 .006	nd .000	nd 18.1	nd 78.	.338 1019.4
02:49-03:49	.2 17.0 0.	.009 23. 348.	1.97 171.	.06 .041	.95 .033	1.08 .007	nd .000	nd 18.3	nd 79.	.337 1019.4
03:19-04:19	- - -	- - -	- -	- -	- -	- -	- -	- -	- -	- -
03:49-04:49	- - -	- - -	- -	- -	- -	- -	- -	- -	- -	- -
04:19-05:19	- - -	- - -	- -	- -	- -	- -	- -	- -	- -	- -
04:49-05:49	.2 17.2 0.	.009 23. 341.	1.99 169.	.06 .038	.97 .029	1.08 .007	nd .000	nd 18.2	nd 79.	.333 1019.2

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-F	NOx SolarRad	NO2 Temp	NO Humidity	Store Barom
06:19-06:19	.2 17.1 0.	.009 23. 340.	2.04 163.	.06 .039	.99 .018	1.11 .013	.03 .000	.03 18.2	nd 80.	.023 1018.3
06:49-06:49	.3 17.0 0.	.009 23. 339.	2.06 161.	.06 .032	.99 .008	1.13 .024	.04 .002	.04 18.0	nd 82.	.014 1018.7
06:19-07:19	.4 17.1 0.	.009 25. 340.	2.05 161.	.06 .037	.98 .007	1.13 .029	.05 .000	.04 18.1	nd 83.	.013 1018.9
06:49-07:49	.5 17.2 0.	.010 27. 340.	2.06 159.	.06 .039	1.00 .008	1.13 .030	.05 .002	.04 18.3	.01 83.	.014 1018.8
07:19-08:19	.5 17.2 0.	.009 28. 340.	2.09 158.	.06 .041	1.02 .009	1.14 .031	.05 .005	.04 18.6	.02 83.	.014 1018.4
07:49-08:49	.5 17.3 0.	.009 29. 342.	2.12 157.	.06 .038	1.03 .009	1.15 .029	.06 .015	.04 19.4	.02 82.	.015 1018.0
08:19-09:19	.5 17.8 0.	.010 29. 346.	2.29 161.	.06 .038	1.03 .019	1.13 .027	.04 .031	.03 20.5	.02 81.	.025 1018.0
08:49-09:49	.4 18.7 0.	.011 28. 353.	2.00 170.	.06 .045	.98 .030	1.08 .024	.02 .033	.01 21.3	nd 79.	.034 1018.0
09:19-10:19	.3 19.2 0.	.012 26. 357.	1.96 179.	.06 .050	.95 .034	1.08 .019	.01 .019	.01 21.4	nd 78.	.037 1018.0
09:49-10:49	.3 19.4 0.	.012 26. 190.	1.97 182.	.06 .051	.95 .038	1.09 .014	nd .015	nd 21.5	nd 77.	.040 1018.1
10:19-11:19	.3 19.6 0.	.014 25. 183.	1.91 182.	.06 .051	.90 .040	1.06 .011	nd .024	nd 22.0	nd 74.	.042 1018.0
10:49-11:49	.4 20.1 6.	.017 26. 183.	1.81 182.	.04 .052	.93 .042	1.07 .011	.01 .023	nd 22.4	nd 72.	.045 1017.9
11:19-12:19	.4 20.3 9.	.016 29. 181.	1.81 181.	.02 .056	.93 .044	1.06 .011	.01 .017	.01 22.4	nd 71.	.046 1017.6

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
11:49-12:49	.4 20.1 3.	.015 31. 176.	1.87 180.	.03 .058	.08 .045	1.36 .012	nd .013	nd 22.1	nd 73.	.047 1017.3
12:19-13:19	.4 20.0 3.	.016 33. 175.	1.91 178.	.04 .056	.01 .044	1.36 .010	nd .014	nd 22.0	nd 74.	.049 1016.2
12:49-13:49	.3 19.9 19.	.016 39. 182.	1.91 176.	.03 .054	.02 .043	1.05 .009	.01 .049	.01 22.6	nd 71.	.049 1016.2
13:19-14:19	.3 19.9 31.	.016 40. 182.	1.94 180.	.05 .056	.07 .044	1.05 .011	.02 .094	.01 23.4	nd 69.	.046 1015.3
13:49-14:49	.3 19.8 28.	.016 36. 191.	1.74 182.	.05 .060	.72 .048	1.04 .013	.01 .098	.01 23.6	nd 69.	.049 1015.4
14:19-15:19	.3 19.8 28.	.017 35. 191.	1.66 181.	.05 .063	.72 .053	1.02 .011	nd .089	nd 23.4	nd 70.	.054 1015.0
14:49-15:49	.3 19.7 30.	.017 39. 190.	1.63 180.	.05 .066	.71 .057	1.00 .007	nd .081	nd 23.2	nd 71.	.058 1014.9
15:19-16:19	.3 19.6 30.	.017 39. 192.	1.64 182.	.05 .068	.72 .059	1.00 .006	nd .074	nd 23.0	nd 73.	.059 1014.5
15:49-16:49	.3 19.5 29.	.017 38. 192.	1.65 183.	.06 .070	.73 .060	1.00 .009	nd .075	nd 22.9	nd 74.	.060 1014.1
16:19-17:19	.3 19.4 28.	.017 37. 192.	1.65 184.	.06 .073	.72 .063	1.01 .010	nd .051	nd 22.5	nd 77.	.063 1014.3
16:49-17:49	.3 19.6 25.	.016 33. 199.	1.68 190.	.06 .076	.75 .065	1.02 .008	nd .040	nd 22.4	nd 78.	.066 1014.2
17:19-18:19	.3 19.8 21.	.016 27. 197.	1.70 189.	.06 .077	.77 .067	1.01 .006	nd .044	nd 22.7	nd 79.	.067 1015.0
17:49-18:49	.4 19.8 19.	.017 26. 187.	1.71 180.	.07 .077	.78 .069	1.01 .006	nd .033	nd 22.5	nd 81.	.067 1014.8

Time	CO Temp-H Wind-Spd	TRG Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barbs
18:19-19:19	.4 19.8 19.	.016 28. 182.	1.72 176.	.07 .077	.78 .070	1.02 .006	nd .022	nd 22.3	nd 92.	.066 1014.5
19:49-19:49	.4 19.9 19.	.016 28. 184.	1.76 178.	.07 .077	.81 .069	1.01 .006	nd .011	nd 22.1	nd 94.	.064 1014.4
20:19-20:19	.4 20.0 19.	.016 30. 185.	1.80 177.	.07 .076	.85 .068	1.01 .006	nd .006	nd 21.8	nd 96.	.065 1014.2
20:49-20:49	.4 19.9 19.	.016 32. 181.	1.82 178.	.07 .075	.87 .067	1.01 .007	nd .004	nd 21.6	nd 97.	.064 1013.4
21:19-21:19	.4 19.8 19.	.015 33. 176.	1.84 165.	.07 .074	.89 .065	1.01 .007	nd .002	nd 21.5	nd 98.	.063 1012.8
21:49-21:49	.4 19.7 19.	.014 30. 180.	1.85 169.	.07 .072	.90 .062	1.01 .006	nd .000	nd 21.3	nd 99.	.060 1012.7
22:19-22:19	.4 19.6 11.	.013 21. 187.	1.89 179.	.06 .070	.91 .058	1.04 .007	.01 .000	.01 21.1	nd 98.	.057 1013.3
22:49-22:49	.4 19.6 6.	.013 16. 178.	1.94 182.	.07 .068	.94 .056	1.06 .009	nd .000	nd 21.0	nd 92.	.055 1013.6
23:19-23:19	.4 19.9 5.	.012 17. 162.	1.95 173.	.07 .067	.95 .055	1.05 .010	nd .000	nd 21.2	nd 92.	.054 1013.3
23:49-23:49	.4 19.9 4.	.012 17. 164.	1.97 169.	.07 .065	.96 .047	1.07 .012	.02 .000	.02 20.9	nd 93.	.049 1013.5
23:19-00:19	.4 19.9 6.	.012 19. 154.	2.02 162.	.07 .061	.97 .042	1.11 .015	.02 .000	.02 20.8	nd 94.	.044 1013.3
23:49-00:49	.4 19.5 11.	.012 26. 153.	2.00 152.	.07 .056	.97 .043	1.09 .014	.02 .000	.02 20.4	nd 95.	.043 1012.5
01/07/10 01:19-01:19	.4 19.2 12.	.012 29. 153.	2.03 146.	.07 .054	1.02 .044	1.06 .010	.01 .000	.02 20.1	nd 99.	.045 1012.1

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO humidity	Ozone Barom
00:49-01:49	.4 19.1 7.	.011 19. 121.	2.14 119.	.07 .055	1.09 .046	1.09 .008	nd .002	nd 20.2	nd 100.	.046 1012.4
01:19-02:19	.4 19.2 9.	.011 20. 139.	2.21 123.	.07 .053	1.14 .046	1.12 .007	nd .000	nd 20.2	nd 100.	.046 1012.2
01:49-02:49	.4 19.8 14.	.011 31. 165.	2.38 154.	.07 .050	1.20 .032	1.25 .008	.04 .000	.03 20.2	.01 100.	.034 1010.8
02:19-03:19	.4 20.1 10.	.010 31. 169.	2.39 158.	.07 .044	1.18 .025	1.27 .014	.04 .000	.03 20.1	.01 100.	.029 1010.2
02:49-03:49	.4 20.1 9.	.010 28. 166.	2.28 159.	.07 .045	1.13 .036	1.21 .014	.01 .000	.01 20.4	nd 100.	.039 1010.1
03:19-04:19	.4 20.1 9.	.011 28. 167.	2.47 163.	.07 .049	1.20 .033	1.35 .011	.02 .000	.02 20.5	nd 100.	.036 1010.1
03:49-04:49	.4 19.8 9.	.010 28. 170.	2.56 165.	.07 .045	1.23 .032	1.42 .012	.02 .000	.02 20.3	nd 100.	.035 1010.0
04:19-05:19	.4 19.6 10.	.010 28. 171.	2.53 167.	.07 .045	1.23 .036	1.39 .011	nd .000	nd 20.2	nd 100.	.039 1009.8
04:49-05:49	.4 19.7 12.	.010 30. 178.	2.76 174.	.07 .045	1.30 .034	1.56 .010	.01 .000	.01 20.4	nd 100.	.036 1009.7
05:19-06:19	.4 19.6 10.	.010 27. 185.	2.98 182.	.07 .045	1.35 .029	1.65 .012	.03 .000	.02 20.4	nd 100.	.032 1009.9
05:49-06:49	.4 19.8 6.	.010 22. 183.	2.73 193.	.07 .043	1.31 .028	1.52 .013	.02 .002	.02 20.3	nd 100.	.031 1010.2
06:19-07:19	.5 20.2 5.	.011 22. 187.	2.86 212.	.07 .041	1.37 .020	1.60 .012	.01 .004	.01 20.3	nd 100.	.032 1010.7
06:49-07:49	.5 20.8 2.	.011 15. 179.	2.92 249.	.07 .040	1.36 .021	1.56 .013	.03 .004	.02 21.1	nd 100.	.036 1010.5

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THO Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
07:19-08:19	.6 21.1 2.	.011 8. 155.	2.69 295.	.08 .037	1.32 .014	1.46 .016	.04 .005	.03 21.6	nd 100.	.023 1010.1
08:49-09:49	.6 21.1 3.	.011 1. 194.	2.80 252.	.08 .034	1.36 .012	1.53 .018	.03 .008	.03 21.2	nd 100.	.017 1010.4
09:19-09:19	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
09:49-09:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
09:19-10:19	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
09:49-10:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
10:19-11:19	.6 24.1 8.	.005 11. 253.	- 230.	nd .054	nd .045	1.31 -	nd .057	.02 29.4	nd 91.	.042 1010.7
10:49-11:49	.6 24.8 8.	.005 11. 272.	- 242.	.01 .062	nd .050	1.27 .011	.01 .056	.02 29.7	nd 77.	.045 1010.9
11:19-12:19	.7 25.4 4.	.005 8. 268.	- 238.	.02 .066	nd .053	1.26 .011	.02 .072	.02 30.4	nd 76.	.049 1011.2
11:49-12:49	.7 26.3 5.	.007 12. 257.	- 242.	.02 .073	nd .057	1.24 .012	.01 .058	.02 30.5	nd 75.	.057 1011.2
12:19-13:19	.5 26.8 11.	.009 19. 284.	- 257.	.01 .075	nd .057	1.16 .012	nd .036	.01 29.8	nd 71.	.051 1011.2
12:49-13:49	.4 26.7 13.	.008 18. 296.	- 265.	.01 .067	nd .056	1.14 .006	nd .039	nd 29.6	nd 69.	.050 1011.2
13:19-14:19	.4 26.5 14.	.007 19. 289.	- 257.	.01 .064	nd .058	1.15 nd	nd .038	nd 29.4	nd 68.	.052 1011.2

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Baro
13:49-14:49	.4 26.4 15.	.007 21. 280.	- 251.	.01 .066	nd .060	1.15 .005	nd .050	nd 30.2	nd 67.	.054 1011.0
14:19-15:19	.4 26.6 16.	.008 21. 277.	- 250.	.01 .069	nd .061	1.14 .007	nd .075	nd 31.1	nd 66.	.056 1010.6
14:49-15:49	.4 27.1 14.	.009 19. 277.	- 252.	.01 .073	nd .066	1.13 .009	nd .073	nd 31.9	nd 65.	.059 1010.2
15:19-16:19	.5 27.8 11.	.011 15. 284.	- 257.	.02 .076	nd .070	1.12 .006	nd .081	nd 32.4	nd 64.	.061 1009.9
15:49-16:49	.5 28.3 9.	.012 13. 295.	- 257.	.02 .077	nd .070	1.11 nd	nd .077	nd 32.9	nd 63.	.060 1009.4
16:19-17:19	.5 28.7 7.	.014 12. 260.	- 240.	.02 .077	nd .069	1.10 nd	nd .047	.01 32.6	nd 65.	.058 1009.9
16:49-17:49	.5 28.8 5.	.014 12. 229.	- 226.	.02 .075	nd .062	1.13 nd	.02 .024	.02 30.8	nd 71.	.052 1009.5
17:19-18:19	.6 28.6 3.	.013 14. 220.	- 223.	.02 .077	nd .065	1.15 .009	.01 .018	.02 29.7	nd 74.	.055 1009.1
17:49-18:49	.7 27.9 2.	.012 8. 354.	- 265.	.02 .084	nd .068	1.17 .014	.01 .022	.02 29.9	nd 73.	.058 1008.1
18:19-19:19	.8 25.9 9.	.012 17. 15.	- 355.	.04 .089	.16 .057	1.25 .022	.03 .028	.04 29.7	nd 74.	.049 1009.2
18:49-19:49	.8 23.8 9.	.013 20. 26.	- 11.	.05 .090	.14 .059	1.27 .033	.02 .020	.03 29.8	nd 78.	.051 1009.2
19:19-20:19	.8 22.9 5.	.010 11. 38.	- 19.	.03 .087	nd .061	1.27 .026	.01 .010	.03 26.9	nd 94.	.053 1008.2
19:49-20:49	1.0 23.3 1.	.007 5. 46.	- 45.	.03 .094	nd .055	1.33 .024	.03 .005	.04 24.8	nd 91.	.047 1008.1

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-B	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Baron
19-21:19	1.1 23.0 3.	.006 12. 24.	- 16.	.03 .084	.17 .048	1.39 .031	.03 .002	.25 24.3	nd 92.	.040 1028.0
19-21:49	.9 21.7 5.	.004 20. 30.	- 12.	.03 .096	.20 .047	1.39 .038	.03 .000	.24 24.4	nd 91.	.042 1028.1
19-22:19	.7 21.4 4.	.002 20. 59.	- 30.	.02 .081	nd .053	1.43 .031	.01 .000	.02 23.8	nd 94.	.047 1029.0
19-22:49	.6 21.9 4.	nd 18. 105.	- 54.	.02 .069	nd .055	1.73 .012	nd .000	.01 23.3	nd 97.	.049 1027.9
19-23:19	.6 22.0 4.	nd 19. 129.	- 75.	.02 .060	nd .047	1.93 .006	nd .000	.01 22.9	nd 99.	.040 1027.7
19-23:49	.6 22.4 5.	nd 23. 149.	- 93.	.02 .052	nd .041	1.67 .006	nd .000	.01 22.8	nd 100.	.037 1028.9
19-00:19	.6 23.6 8.	nd 26. 166.	- 122.	.02 .047	nd .035	1.41 .007	nd .000	.01 22.4	nd 100.	.031 1006.2
19-00:49	.6 24.4 10.	nd 31. 175.	- 162.	.02 .042	nd .026	1.39 .010	nd .000	.02 22.7	nd 100.	.024 1006.0
07/11 20:19-01:19	.6 24.9 14.	nd 38. 185.	- 188.	.02 .042	nd .029	1.38 .015	.02 .000	.02 23.6	nd 96.	.027 1006.0
19-01:49	.5 25.2 18.	nd 38. 202.	- 198.	.02 .050	nd .042	1.31 .016	.01 .000	.02 25.4	nd 90.	.039 1006.0
19-02:19	.5 24.3 12.	nd 26. 258.	- 234.	.02 .059	nd .046	1.23 .012	nd .000	.02 25.9	nd 86.	.040 1006.4
19-02:49	.4 22.6 16.	nd 29. 303.	- 269.	.02 .059	nd .046	1.21 .010	nd .000	.01 24.5	nd 91.	.042 1006.2

Time	CO Temp-H Wind-Spd	TRG Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
02:19-03:19	.4 21.4 7.	nd 26. 294.	- 254.	.02 .054	nd .048	1.20 .005	nd .000	nd 22.0	nd 97.	.040 1006.4
02:49-03:49	.3 20.7 1.	nd 23. 134.	- 235.	.02 .050	nd .042	1.21 nd	nd .000	.01 22.1	nd 100.	.040 1005.5
03:19-04:19	.3 20.4 2.	nd 24. 117.	- 216.	.02 .046	nd .039	1.29 .007	nd .000	.01 21.7	nd 100.	.038 1004.7
03:49-04:49	.3 20.6 1.	nd 31. 117.	- 215.	.02 .043	nd .038	1.28 .006	nd .000	nd 21.9	nd 100.	.039 1004.5
04:19-05:19	.3 20.9 0.	nd 34. 115.	- 224.	.02 .043	nd .036	1.20 nd	nd .000	nd 22.1	nd 99.	.039 1004.2
04:49-05:49	.4 21.0 0.	nd 29. 133.	- 231.	.02 .046	nd .031	1.22 .010	nd .000	.02 22.3	nd 99.	.035 1003.4
05:19-06:19	.4 20.9 0.	nd 26. 131.	- 230.	.02 .047	nd .030	1.23 .019	nd .000	.02 22.3	nd 99.	.035 1003.4
05:49-06:49	.4 20.8 1.	nd 29. 126.	- 228.	.02 .043	nd .032	1.23 .015	nd .001	.01 22.2	nd 99.	.034 1004.0
06:19-07:19	.4 20.7 0.	nd 29. 122.	- 233.	.02 .043	nd .027	1.27 .010	nd .001	.02 22.3	nd 99.	.031 1004.5
06:49-07:49	.4 20.5 0.	nd 27. 131.	- 238.	.02 .045	nd .020	1.32 .020	.02 .003	.03 22.3	nd 99.	.033 1003.0
07:19-08:19	.5 20.4 0.	nd 24. 126.	- 234.	.02 .046	nd .021	1.32 .026	.02 .005	.02 22.3	nd 100.	.025 1003.0
07:49-08:49	.5 20.5 1.	nd 21. 127.	- 232.	.02 .041	nd .025	1.30 .017	nd .000	.02 22.6	nd 99.	.028 1005.0
08:19-09:19	.5 20.6 1.	nd 19. 129.	- 236.	.02 .041	nd .020	1.29 .016	.02 .010	.02 23.0	nd 98.	.023 1005.0

Use	SO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THO Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
08:49-09:49	.5 21.0 0.	nd 20. 127.	- 240.	.02 .043	nd .019	1.29 .025	.02 .015	.03 23.6	nd 95.	.024 1005.0
09:19-10:19	.4 21.3 1.	nd 21. 127.	- 242.	.02 .046	nd .025	1.27 .024	nd .015	.02 24.4	nd 92.	.029 1005.3
10:49-11:49	.4 21.4 0.	nd 20. 128.	- 243.	.02 .044	nd .027	1.24 .017	nd .011	.01 24.3	nd 93.	.030 1005.0
11:19-12:19	.4 21.4 0.	nd 21. 131.	- 243.	.02 .040	nd .025	1.23 .013	nd .013	.01 24.1	nd 94.	.029 1005.0
12:49-13:49	.5 20.9 1.	nd 18. 133.	- 256.	.02 .038	nd .023	1.25 .013	.01 .011	.02 23.7	nd 96.	.028 1005.3
13:19-14:19	.5 19.3 1.	nd 16. 131.	- 317.	.02 .043	nd .031	1.26 .014	.01 .011	.02 22.3	nd 99.	.036 1005.9
14:49-15:49	.5 18.1 4.	nd 26. 23.	- 347.	.02 .050	nd .039	1.27 .013	nd .013	.01 21.6	nd 100.	.044 1006.6
15:19-16:19	.5 18.0 9.	nd 26. 9.	- 346.	.02 .050	nd .036	1.27 .011	nd .010	.02 21.6	nd 100.	.042 1006.9
16:49-17:49	.5 17.7 8.	nd 25. 359.	- 335.	.02 .048	nd .035	1.26 .013	nd .007	.02 21.2	nd 100.	.041 1007.0
17:19-18:19	.4 17.4 10.	nd 27. 354.	- 329.	.02 .046	nd .034	1.26 .011	nd .008	.01 20.9	nd 100.	.041 1007.5
18:49-19:49	.4 17.0 10.	nd 25. 356.	- 329.	.02 .045	nd .033	1.26 .010	nd .009	.01 20.9	nd 99.	.039 1008.0
19:19-20:19	.4 17.1 7.	nd 20. 357.	- 327.	.02 .045	nd .031	1.25 .012	nd .016	.02 21.1	nd 96.	.037 1008.2
20:49-21:49	.4 17.7 6.	nd 15. 342.	- 319.	.02 .041	nd .030	1.25 .011	nd .035	.02 21.9	nd 91.	.037 1008.9

Time	CO Temp-H Wind-Spd	TRG Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
15:19-16:19	.4 18.4 8.	nd 15. 332.	- 329.	.03 .040	nd .031	1.23 .011	nd .050	.01 23.4	nd 84.	.039 1007.5
15:49-16:49	.4 19.4 10.	nd 19. 334.	- 327.	.03 .041	nd .030	1.20 .009	nd .060	.01 24.9	nd 78.	.037 1007.3
16:19-17:19	.4 20.4 11.	nd 19. 329.	- 303.	.03 .040	nd .031	1.18 .026	nd .060	nd 25.7	nd 74.	.039 1007.7
16:49-17:49	.3 21.2 11.	nd 20. 331.	- 304.	.03 .041	nd .032	1.17 .007	nd .065	.01 26.2	nd 71.	.040 1008.0
17:19-18:19	.3 21.6 10.	nd 19. 330.	- 299.	.02 .044	nd .033	1.16 .012	nd .054	.01 26.6	nd 69.	.040 1008.2
17:49-18:49	.4 21.9 10.	nd 15. 308.	- 280.	.02 .043	nd .035	1.17 .010	nd .045	nd 26.2	nd 71.	.043 1008.0
18:19-19:19	.4 22.4 10.	nd 14. 289.	- 265.	.02 .043	nd .038	1.17 .006	nd .035	nd 26.0	nd 72.	.045 1008.0
18:49-19:49	.4 22.8 11.	nd 16. 282.	- 256.	.02 .047	nd .041	1.17 .007	nd .028	nd 26.1	nd 73.	.040 1008.0
19:19-20:19	.4 23.0 10.	nd 16. 276.	- 250.	.02 .050	nd .041	1.19 .008	nd .018	nd 26.0	nd 75.	.040 1008.0
19:49-20:49	.5 23.1 5.	nd 16. 264.	- 246.	.02 .051	nd .035	1.21 .011	nd .010	.01 25.4	nd 80.	.042 1008.1
20:19-21:19	.6 23.2 3.	nd 19. 259.	- 252.	.02 .048	nd .027	1.22 .015	.01 .004	.02 24.2	nd 85.	.034 1008.1
20:49-21:49	.6 23.3 6.	nd 24. 282.	- 267.	.02 .044	nd .024	1.25 .018	.01 .001	.02 23.2	nd 85.	.030 1008.3
21:19-22:19	.4 23.1 9.	nd 28. 289.	- 277.	.02 .039	nd .025	1.27 .015	nd .000	.01 23.2	nd 79.	.030 1008.1

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THD Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
49-22:49	.4 22.9 8.	nd 29. 284.	- 279.	.02 .035	nd .022	1.29 .011	nd .000	.01 22.3	nd 79.	.007 1019.7
19-23:19	.4 22.4 10.	nd 32. 285.	- 278.	.02 .033	nd .019	1.32 .012	nd .000	.01 21.9	nd 77.	.005 1010.0
49-23:49	.4 21.8 11.	nd 33. 296.	- 279.	.02 .031	nd .019	1.35 .012	nd .000	.01 21.8	nd 74.	.004 1010.1
20:19-00:19	.3 21.2 10.	nd 32. 304.	- 281.	.02 .029	nd .017	1.37 .011	nd .000	.01 21.7	nd 75.	.004 1012.5
23:49-02:49	.4 20.3 5.	nd 29. 311.	- 285.	.02 .028	nd .015	1.41 .010	nd .000	.01 20.6	nd 78.	.001 1010.9
00/27/12 19-01:19	.4 19.5 0.	nd 24. 358.	- 285.	.02 .026	nd .014	1.44 .010	nd .000	.02 19.7	nd 82.	.019 1011.0
49-01:49	.4 19.1 1.	nd 24. 314.	- 284.	.02 .025	nd .012	1.46 .011	nd .000	.02 19.2	nd 85.	.018 1011.0
01:19-02:19	.4 18.6 1.	nd 21. 343.	- 286.	.02 .023	nd .011	1.46 .011	nd .000	.02 19.0	nd 85.	.017 1011.0
01:49-02:49	.3 18.2 1.	nd 18. 30.	- 289.	.02 .022	nd .011	1.46 .010	nd .000	.02 19.0	nd 85.	.017 1011.0
22:19-03:19	.3 18.1 2.	nd 18. 29.	- 285.	.02 .020	nd .010	1.47 .009	nd .000	.02 18.8	nd 86.	.017 1011.0
49-03:49	.3 18.2 0.	nd 22. 10.	- 279.	.02 .024	.19 .009	1.52 .014	nd .000	.02 18.2	nd 88.	.014 1011.0
19-04:19	.4 18.2 0.	nd 25. 316.	- 275.	.02 .030	.19 .008	1.55 .023	nd .000	.02 17.7	nd 90.	.014 1011.0

Time	CO Temp-H Wind-Spd	TRF Wspd-H Wind-Dir	TMD Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
03:49-04:49	.4 17.9 0.	nd 25. 314.	- 271.	.02 .029	nd .011	1.56 .019	nd .000	.02 17.2	nd 91.	.017 1011.1
04:19-05:19	.4 17.6 0.	nd 24. 289.	- 270.	.02 .024	nd .010	1.57 .013	nd .000	.02 16.9	nd 92.	.017 1011.4
04:49-05:49	.4 17.5 0.	nd 25. 268.	- 270.	.02 .023	nd .008	1.57 .014	nd .000	.02 16.7	nd 92.	.014 1011.6
05:19-06:19	.4 17.4 0.	nd 26. 254.	- 271.	.02 .022	nd .007	1.58 .015	nd .000	.02 16.5	nd 94.	.012 1012.1
05:49-06:49	.5 17.3 0.	nd 25. 267.	- 268.	.02 .023	nd .008	1.59 .016	nd .003	.02 16.6	nd 94.	.014 1012.2
06:19-07:19	.5 17.3 0.	nd 24. 233.	- 262.	.02 .024	nd .009	1.63 .015	nd .006	.02 17.5	nd 91.	.015 1012.6
06:49-07:49	.5 17.4 1.	nd 19. 194.	- 255.	.03 .025	nd .007	1.79 .015	.02 .015	.02 18.6	nd 89.	.013 1012.8
07:19-08:19	.5 17.6 3.	nd 17. 223.	- 249.	.03 .026	nd .007	1.72 .019	.03 .027	.02 20.1	nd 86.	.013 1012.9
07:49-08:49	.4 18.2 6.	nd 16. 247.	- 244.	.03 .029	nd .014	1.51 .020	.02 .030	.02 22.4	nd 81.	.020 1013.0
08:19-09:19	.4 19.2 7.	nd 14. 250.	- 233.	.03 .036	nd .019	1.45 .020	.02 .040	.02 24.6	nd 74.	.026 1013.0
08:49-09:49	.4 20.3 7.	nd 12. 240.	- 217.	.03 .046	nd .020	1.41 .027	.02 .055	.02 25.9	nd 72.	.027 1013.0
09:19-10:19	.5 21.4 8.	nd 13. 234.	- 210.	.03 .050	nd .023	1.34 .031	.01 .065	.02 27.1	nd 67.	.030 1013.0
09:49-10:49	.5 22.1 11.	nd 15. 237.	- 209.	.03 .053	nd .027	1.30 .029	nd .076	.02 28.2	nd 63.	.031 1012.9

Time	CO Temp-H Wind-3pd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx Solar-Rad	WQ2 Temp	NO Humidity	Ozone Baron
10:19-11:19	.5 22.7 10.	.002 15. 226.	- 202.	.03 .054	nd .031	1.31 .025	nd .082	.02 28.1	nd 64.	.039 1012.7
11:49-12:49	.6 23.4 11.	.006 16. 207.	- 201.	.03 .060	nd .038	1.30 .025	.01 .088	.02 27.7	nd 65.	.043 1012.4
12:19-12:19	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
12:49-12:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
12:19-13:19	.5 25.5 13.	nd 18. 231.	1.73 219.	nd -	.52 -	1.36 -	.01 .084	.01 29.6	nd 58.	.066 1012.0
12:49-13:49	.4 26.3 15.	nd 19. 272.	1.70 250.	nd .074	.50 .052	1.36 .014	nd .088	nd 30.6	nd 53.	.060 1012.0
13:19-14:19	.3 26.8 22.	nd 26. 289.	1.63 268.	nd .057	.45 .043	1.33 .027	nd .107	nd 30.9	nd 47.	.049 1012.0
13:49-14:49	.3 27.0 24.	nd 29. 297.	1.62 273.	nd .050	.45 .042	1.33 .025	nd .109	nd 30.9	nd 45.	.046 1012.0
14:19-15:19	.3 27.0 22.	nd 26. 301.	1.64 275.	nd .054	.47 .045	1.32 .027	nd .093	nd 30.9	nd 44.	.051 1012.0
14:49-15:49	.3 27.1 19.	nd 24. 305.	1.54 281.	nd .058	.47 .049	1.32 .029	.01 .086	nd 31.1	nd 44.	.053 1011.9
15:19-16:19	.4 27.2 18.	nd 22. 310.	1.62 284.	nd .064	.46 .047	1.30 .014	.02 .091	.01 31.4	nd 44.	.050 1011.9
15:49-16:49	.4 27.4 17.	nd 20. 300.	1.59 275.	nd .064	.45 .046	1.28 .016	.01 .097	nd 31.3	nd 44.	.048 1011.8
16:19-17:19	.3 27.5 16.	.002 19. 291.	1.58 265.	nd .059	.44 .046	1.28 .014	.01 .080	nd 31.2	nd 43.	.046 1011.6

Time	CO Temp-H Wind-Spd	TRS #spd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Baron
16:49-17:49	.3 27.5 15.	.002 19. 294.	1.60 268.	nd .054	.45 .045	1.29 .009	.01 .050	nd 30.5	nd 44.	.042 1011.5
17:19-18:19	.4 26.3 12.	nd 20. 324.	1.67 304.	nd .056	.48 .044	1.33 .013	nd .021	nd 29.4	nd 49.	.041 1011.8
17:49-18:49	.4 24.2 9.	nd 23. 1.	1.75 337.	nd .059	.49 .043	1.41 .019	nd .019	nd 29.5	nd 56.	.041 1012.0
18:19-19:19	.4 23.4 5.	nd 18. 19.	1.78 355.	nd .057	.49 .042	1.46 .014	nd .016	nd 27.5	nd 61.	.041 1012.0
18:49-19:49	.4 23.9 3.	nd 13. 10.	1.85 350.	.02 .055	.55 .036	1.47 .015	.02 .013	.02 27.3	nd 62.	.036 1012.0
19:19-20:19	1.0 24.2 1.	nd 10. 9.	2.01 324.	.03 .056	.66 .025	1.51 .022	.05 .015	.04 27.3	.01 64.	.027 1012.1
19:49-20:49	1.3 24.3 0.	nd 11. 11.	2.10 292.	.01 .053	.72 .021	1.55 .028	.06 .010	.05 26.4	.01 67.	.023 1012.3
20:19-21:19	.9 24.0 1.	nd 13. 30.	2.02 297.	nd .052	.65 .020	1.54 .031	.04 .003	.04 25.1	nd 73.	.019 1012.6
20:49-21:49	.7 23.7 1.	nd 13. 39.	2.04 315.	nd .048	.64 .015	1.57 .029	.04 .001	.04 24.1	nd 78.	.015 1012.8
21:19-22:19	1.2 23.4 1.	nd 13. 43.	2.35 323.	nd .046	.86 .010	1.67 .032	.05 .000	.05 22.7	.01 85.	.011 1013.1
21:49-22:49	2.0 22.8 1.	nd 6. 160.	2.73 324.	nd .044	1.06 .006	1.94 .036	.08 .000	.05 21.0	.03 92.	.037 1013.6
22:19-23:19	1.7 22.6 1.	nd 1. 160.	3.76 304.	nd .036	1.36 .006	2.67 .031	.07 .000	.04 20.3	.03 95.	.007 1013.9
22:49-23:49	1.3 22.8 0.	nd 3. 62.	4.22 299.	nd .032	1.49 .004	3.04 .027	.06 .000	.04 19.9	.03 96.	.007 1013.9

Time	CO Temp-H Wind-Spd	TRF Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
01:19-00:19	1.5 23.2 0.	nd 7. 185.	3.49 288.	nd .034	1.25 nd	2.50 .030	.06 .000	.04 19.4	.03 98.	.008 1213.9
01:49-00:49	1.0 23.8 0.	nd 7. 179.	2.97 276.	nd .035	1.06 nd	2.13 .031	.05 .000	.04 19.0	.02 99.	.008 1214.2
02:19-01:19	.9 22.7 0.	nd 6. 169.	2.83 266.	nd .032	1.00 nd	2.05 .029	.05 .000	.03 18.7	.02 100.	.007 1214.1
02:49-01:49	.8 22.7 0.	nd 7. 37.	3.02 261.	nd .031	1.06 nd	2.19 .027	.04 .000	.03 18.4	.02 100.	.006 1214.6
03:19-02:19	.7 22.2 0.	nd 8. 189.	2.91 236.	nd .030	1.00 nd	2.14 .027	.03 .000	.03 18.2	.01 100.	.007 1214.9
03:49-02:49	.6 22.6 0.	nd 10. 191.	2.68 229.	nd .029	.99 .004	2.01 .024	.02 .000	.02 18.1	nd 100.	.008 1214.9
04:19-03:19	.6 23.7 0.	nd 11. 7.	2.74 231.	nd .027	.92 nd	2.05 .022	.02 .000	.02 17.8	nd 100.	.009 1214.9
04:49-03:49	.6 23.9 0.	nd 11. 189.	2.94 237.	nd .027	1.00 nd	2.18 .022	.02 .000	.02 17.7	nd 100.	.007 1214.9
05:19-04:19	.6 23.8 0.	nd 11. 189.	3.24 248.	nd .026	1.12 nd	2.37 .023	.03 .000	.02 17.7	nd 100.	.007 1215.0
05:49-04:49	.7 23.9 0.	nd 11. 79.	3.64 256.	nd .026	1.28 nd	2.64 .024	.03 .000	.02 17.3	nd 100.	.007 1215.0
06:19-05:19	.7 24.0 0.	nd 11. 176.	4.11 260.	nd .025	1.47 nd	2.94 .024	.03 .000	.03 17.0	nd 100.	.007 1215.0
06:49-05:49	.6 24.0 0.	nd 10. 210.	3.87 269.	nd .026	1.35 nd	2.82 .024	.03 .000	.02 16.9	nd 100.	.007 1215.0

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
05:19-06:19	.5 23.6 0.	nd 9. 9.	3.38 263.	nd .026	1.17 nd	2.47 .022	.02 .000	.02 16.9	nd 100.	.009 1015.0
06:49-07:49	.5 23.1 0.	nd 11. 18.	3.45 267.	nd .023	1.24 nd	2.47 .019	.02 .002	.02 16.9	.01 100.	.008 1015.2
07:19-08:19	.6 22.1 0.	nd 14. 350.	3.78 273.	nd .022	1.36 nd	2.70 .019	.04 .005	.02 17.5	.02 100.	.008 1015.7
08:49-09:49	.7 21.0 0.	nd 17. 340.	3.83 282.	nd .022	1.36 .004	2.75 .018	.04 .012	.02 18.9	.03 99.	.009 1016.1
09:19-10:19	.7 21.8 1.	nd 16. 171.	3.42 271.	nd .025	1.16 .006	2.53 .020	.05 .223	.03 20.0	.03 97.	.010 1015.3
10:49-11:49	.6 23.4 1.	nd 17. 171.	3.16 247.	nd .031	1.03 .008	2.40 .025	.05 .034	.02 21.6	.03 93.	.010 1016.6
11:19-12:19	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
12:49-13:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
13:19-14:19	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
14:49-15:49	.5 24.8 6.	.007 9. 221.	2.09 215.	nd -	.77 .034	1.63 -	.02 .074	.01 30.5	nd 57.	.039 1016.6
15:19-16:19	.4 25.5 9.	.008 12. 237.	1.32 223.	nd .047	.44 .041	.91 .008	nd .002	nd 31.2	nd 51.	.045 1016.6
16:49-17:49	.5 26.0 9.	.010 12. 250.	1.33 228.	nd .049	.47 .042	.88 .005	.01 .009	nd 32.2	nd 46.	.046 1016.9
17:19-18:19	.5 26.3 7.	.012 11. 256.	1.38 223.	nd .052	.54 .044	.96 .006	.01 .094	nd 32.2	nd 46.	.047 1017.2

File	SO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barco
:49-12:49	.4 26.7 6.	.014 9. 228.	1.41 221.	nd .057	.59 .048	.83 .007	nd .120	nd 32.3	nd 46.	.049 1017.0
:19-13:19	.4 26.9 8.	.016 11. 204.	1.48 203.	nd .064	.56 .054	.83 .010	.01 .103	nd 31.6	nd 43.	.053 1017.0
:49-13:49	.6 27.1 9.	.019 12. 186.	1.56 191.	nd .072	.73 .059	.83 .011	.02 .103	.02 31.8	nd 49.	.061 1016.9
13:19-14:19	.7 27.3 8.	.021 11. 178.	1.64 187.	nd .074	.81 .061	.83 .010	.02 .101	.02 30.9	nd 43.	.065 1016.1
13:49-14:49	.9 27.4 9.	.023 12. 177.	1.69 189.	nd .083	.87 .069	.81 .014	.03 .094	.03 30.3	nd 49.	.072 1016.3
14:19-15:19	.9 27.5 10.	.023 14. 180.	1.70 188.	nd .092	.91 .077	.78 .015	.03 .089	.03 30.2	nd 50.	.080 1016.1
:49-15:49	.7 27.4 13.	.022 18. 174.	1.73 176.	nd .105	.94 .095	.77 .016	.03 .086	.03 30.3	nd 50.	.098 * 1016.1
:19-16:19	.6 27.4 16.	.023 22. 173.	1.77 173.	nd .126	.97 .107	.79 .018	.02 .081	.02 30.1	nd 50.	.107 * 1016.0
:49-16:49	.5 27.4 18.	.023 24. 176.	1.73 176.	nd .115	.93 .095	.78 .011	.01 .075	.01 29.8	nd 51.	.095 * 1016.0
16:19-17:19	.4 27.3 20.	.023 26. 176.	1.70 176.	.01 .095	.90 .084	.79 .006	nd .070	nd 29.6	nd 53.	.085 * 1016.0
16:49-17:49	.4 27.3 19.	.022 26. 180.	1.70 178.	.02 .088	.89 .079	.79 .007	.01 .064	.01 29.3	nd 53.	.078 1015.9
:19-18:19	.4 27.4 17.	.019 24. 182.	1.77 179.	.01 .087	.97 .078	.77 .011	.01 .056	.01 29.0	nd 55.	.074 1015.5
:49-18:49	.5 27.5 15.	.018 22. 181.	1.85 178.	.01 -	1.03 -	.78 -	.01 .045	.01 28.7	nd 55.	.069 1015.2

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Baron
18:19-19:19	.6 27.5 13.	.016 20. 182.	1.87 180.	.03 -	1.03 -	.90 -	.21 .034	.01 28.1	nd 56.	.060 1015.2
19:49-19:49	.7 27.4 9.	.013 19. 176.	1.93 176.	.05 .074	1.04 .065	.94 .012	.01 .024	.01 27.3	nd 59.	.059 1015.2
19:19-20:19	1.0 27.3 7.	.011 19. 170.	1.96 172.	.06 .074	1.05 .047	.87 .011	.05 .015	.04 26.0	.01 65.	.045 1015.2
19:49-20:49	1.3 27.1 7.	.009 20. 178.	1.90 166.	.06 .057	.99 .028	.88 .018	.03 .007	.07 25.0	.02 67.	.039 1015.2
20:19-21:19	1.3 26.2 7.	.006 21. 181.	1.87 163.	.07 .047	.92 .031	.93 .024	.05 .002	.05 24.8	nd 67.	.009 1015.6
20:49-21:49	1.2 25.4 6.	.004 20. 171.	1.81 170.	.07 .051	.84 .030	.96 .023	.04 .000	.04 24.1	nd 72.	.009 1015.0
21:19-22:19	1.4 25.1 5.	.002 18. 164.	1.73 188.	.06 .048	.75 .027	.97 .022	.04 .000	.05 23.2	nd 79.	.006 1016.1
21:49-22:49	1.3 24.7 5.	nd 17. 161.	1.78 200.	.06 .050	.76 .027	1.01 .024	.04 .000	.04 22.5	nd 84.	.008 1016.5
22:19-23:19	1.2 24.7 5.	nd 19. 162.	1.81 207.	.06 .053	.77 .026	1.04 .024	.04 .000	.04 21.9	nd 88.	.005 1016.9
22:49-23:49	1.0 25.1 5.	nd 21. 163.	1.78 216.	.07 .049	.71 .026	1.07 .022	.03 .000	.03 21.5	nd 90.	.003 1017.0
23:19-00:19	.8 25.4 4.	nd 22. 164.	1.90 216.	.07 .049	.75 .028	1.15 .021	.03 .000	.03 21.5	nd 89.	.070 1017.0
23:49-00:49	.8 25.4 4.	nd 25. 165.	1.93 215.	.07 .053	.75 .032	1.18 .023	.03 .000	.03 21.7	nd 85.	.034 1017.0
04/07/14 00:19-01:19	.8 24.7 4.	nd 25. 164.	1.92 213.	.07 .058	.74 .037	1.19 .024	.03 .000	.03 21.7	nd 84.	.039 1017.3

Time	DB Temp-H Wind-Spd	TRB Wspd-H Wind-Dir	THD Wdir-H	SO2 Ozone-T	Mon-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Sdow
00:49-01:49	.8 23.6 4.	nd 25. 167.	1.90 208.	.06 .061	.73 .039	1.17 .022	.03 .000	.03 21.3	nd 98.	.041 1017.7
01:19-02:19	.7 23.4 3.	nd 30. 190.	1.80 210.	.06 .061	.67 .244	1.14 .022	.03 .000	.03 21.3	nd 91.	.046 1017.9
02:49-03:49	.7 23.5 3.	nd 33. 202.	1.74 214.	.06 .065	.63 .053	1.12 .019	.02 .000	.02 21.3	nd 91.	.055 1017.9
03:19-04:19	.6 22.9 3.	nd 30. 183.	1.71 214.	.07 .071	.60 .054	1.12 .014	.02 .000	.02 21.3	nd 92.	.054 1017.9
04:49-05:49	.6 22.8 4.	nd 27. 165.	1.69 214.	.07 .060	.59 .053	1.12 .014	.02 .000	.01 21.2	nd 93.	.055 1017.9
05:19-06:19	.6 23.1 4.	nd 24. 167.	1.66 218.	.07 .065	.56 .053	1.11 .012	.01 .000	.01 21.1	nd 94.	.052 1017.9
06:49-07:49	.6 23.2 5.	nd 22. 166.	1.70 221.	.07 .063	.57 .049	1.14 .011	.01 .000	.01 21.0	nd 96.	.049 1017.9
07:19-08:19	.6 22.9 4.	nd 21. 164.	1.79 223.	.07 .059	.60 .043	1.20 .012	.02 .000	.02 20.6	nd 98.	.046 1018.0
08:49-09:49	.6 22.5 2.	nd 21. 169.	1.87 227.	.07 .054	.64 .036	1.25 .013	.02 .000	.02 20.1	nd 100.	.039 1018.0
09:19-10:19	.6 22.4 1.	nd 22. 170.	1.89 228.	.07 .047	.66 .027	1.24 .015	.02 .000	.02 19.7	nd 100.	.031 1018.0
10:49-11:49	.8 22.4 1.	nd 21. 174.	1.94 230.	.07 .041	.70 .019	1.25 .018	.03 .002	.03 19.4	nd 102.	.024 1018.3
11:19-12:19	.9 22.8 2.	nd 21. 171.	2.11 232.	.07 .041	.79 .019	1.33 .021	.03 .005	.03 19.9	nd 100.	.024 1018.7
12:49-01:49	1.3 22.5 3.	nd 20. 167.	2.24 224.	.08 .044	.86 .020	1.38 .022	.04 .013	.04 20.9	nd 98.	.028 1019.0

Time	CO Temp-H Wind-Spd	TPS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx Solar-Rad	NO2 Temp	NO Humidity	Ozone Baron
07:19-08:19	1.2 21.8 5.	nd 18. 167.	2.32 212.	.88 .845	.93 .828	1.39 .824	.86 .825	.88 22.2	.81 85.	.826 1019.9
07:49-08:49	1.3 21.7 5.	nd 14. 173.	2.38 208.	.87 .847	.99 .824	1.48 .825	.87 .836	.88 23.6	.82 91.	.833 1019.8
08:19-09:19	1.2 22.3 5.	nd 11. 185.	2.29 212.	.83 .855	.95 .834	1.34 .826	.86 .846	.85 25.1	.81 84.	.823 1019.2
08:49-09:49	1.3 23.5 5.	nd 12. 221.	2.84 221.	nd .868	.83 .845	1.21 .827	.84 .852	.84 27.6	.81 75.	.848 1019.1
09:19-10:19	1.1 24.5 8.	.882 12. 241.	1.96 226.	.81 .875	.85 .849	1.18 .826	.85 .859	.84 30.2	.81 65.	.851 1019.5
09:49-10:49	1.1 25.5 9.	.883 12. 246.	2.17 227.	.81 .874	1.88 .853	1.86 .825	.85 .872	.84 31.8	.81 59.	.858 1019.2
10:19-11:19	1.8 26.4 9.	.884 12. 243.	2.29 228.	nd .875	1.24 .862	1.88 .825	.84 .881	.83 32.9	nd 55.	.867 1019.7
10:49-11:49	.7 27.2 10.	.886 14. 243.	2.28 231.	nd .898	1.23 .872	.92 .825	.83 .888	.82 33.6	nd 51.	.872 1019.3
11:19-12:19	.6 27.7 10.	.885 14. 234.	2.38 223.	nd .182	1.34 .875	.98 .821	.83 .894	.82 33.5	nd 50.	.875 1019.2
11:49-12:49	.7 28.8 11.	.884 16. 219.	2.52 213.	nd .188	1.55 .879	.98 .819	.82 .899	.82 33.2	nd 50.	.879 1019.1
12:19-13:19	.7 28.3 13.	.887 19. 228.	2.64 212.	nd .183	1.67 .888	.89 .828	.82 .181	.82 33.2	nd 53.	.887 * 1019.8
12:49-13:49	.7 28.5 16.	.818 22. 214.	2.73 208.	nd .114	1.77 .894	.87 .819	.82 .184	.82 33.8	nd 49.	.891 * 1019.8
13:19-14:19	.5 28.7 17.	.814 23. 214.	2.83 288.	nd .119	1.88 .895	.85 .817	.82 .897	.82 32.9	nd 48.	.895 * 1019.6

Time	CO Temp-H Wind-Spd	TRG Wspd-H Wind-Dir	TRD Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Baron
13:49-14:49	.7 28.5 15.	.015 23. 195.	3.02 194.	nd .127	2.02 .112	.89 .017	.02 .079	.02 31.4	nd 53.	.111 * 1016.1
14:19-15:19	.8 28.3 19.	.015 26. 169.	3.10 173.	nd .145	2.07 .126	.92 .019	.02 .067	.02 30.2	nd 57.	.121 * 1017.9
14:49-15:49	.8 28.5 16.	.014 24. 169.	3.05 174.	nd .147	2.04 .120	.91 .015	.02 .075	.02 30.2	nd 58.	.126 * 1017.3
15:19-16:19	.9 28.8 14.	.015 22. 186.	2.98 187.	nd .137	2.00 .111	.97 .014	.02 .085	.02 30.5	nd 57.	.101 * 1017.1
15:49-16:49	.8 29.1 16.	.016 23. 169.	2.95 190.	nd .131	1.99 .125	.85 .018	.03 .082	.03 31.0	nd 56.	.100 * 1016.9
16:19-17:19	.7 29.2 17.	.018 25. 194.	2.98 194.	nd .126	2.01 .095	.85 .025	.03 .073	.03 31.0	nd 57.	.096 * 1016.4
16:49-17:49	.5 29.2 19.	.017 28. 205.	2.97 199.	.02 .119	2.02 .096	.84 .022	.02 .063	.02 31.3	nd 56.	.095 * 1016.1
17:19-18:19	.4 29.1 19.	.017 29. 204.	2.96 197.	.04 .116	2.02 .099	.83 .016	.01 .053	.01 31.0	nd 57.	.095 * 1016.0
17:49-18:49	.4 29.1 21.	.017 29. 200.	2.94 194.	.04 .115	1.99 .097	.84 .010	.02 .045	.01 30.6	nd 57.	.092 * 1015.9
18:19-19:19	.4 28.9 21.	.016 30. 197.	2.90 190.	.05 .111	1.95 .096	.84 .006	.01 .036	.01 30.1	nd 56.	.087 * 1015.5
18:49-19:49	.4 28.7 20.	.015 30. 195.	2.86 189.	.05 .106	1.92 .095	.84 .009	.01 .024	nd 29.5	nd 60.	.083 * 1015.1
19:19-20:19	.4 28.4 16.	.014 27. 192.	2.84 188.	.06 .105	1.88 .091	.86 .011	.02 .015	.02 28.5	nd 64.	.076 1015.3
19:49-20:49	.6 27.9 13.	.012 26. 183.	2.84 185.	.06 .107	1.83 .088	.92 .012	.03 .009	.03 27.3	nd 62.	.073 1015.3

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-P	SO2 Ozone-T	Non-CO4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
20:19-21:19	.6 27.4 13.	.010 28. 182.	2.77 185.	.06 .108	1.74 .009	.94 .011	.03 .002	.02 24.5	nd 70.	.077 1015.5
20:49-21:49	.7 27.0 11.	.008 29. 185.	2.67 186.	.05 .102	1.65 .003	.94 .008	.02 .000	.02 25.8	nd 73.	.075 1015.9
21:19-22:19	.8 26.7 9.	.005 28. 179.	2.60 187.	.06 .092	1.55 .067	.98 .011	.04 .000	.04 25.3	nd 75.	.061 1016.3
21:49-22:49	.8 26.2 6.	.003 27. 174.	2.54 187.	.06 .082	1.46 .053	1.02 .015	.05 .000	.05 24.9	nd 77.	.050 1016.2
22:19-23:19	.8 25.7 5.	nd 24. 177.	2.56 190.	.06 .071	1.44 .046	1.07 .020	.05 .000	.05 24.2	nd 81.	.044 1016.3
22:49-23:49	.9 25.4 3.	nd 22. 188.	2.44 195.	.06 .070	1.33 .049	1.07 .023	.04 .000	.04 23.7	nd 85.	.046 1016.2
23:19-00:19	.8 25.3 3.	nd 21. 176.	2.30 195.	.05 .074	1.21 .055	1.06 .020	.03 .000	.03 23.5	nd 86.	.033 1015.9
23:49-00:49	.7 25.3 6.	nd 23. 169.	2.33 195.	.05 .071	1.20 .051	1.09 .020	.03 .000	.03 23.3	nd 87.	.030 1015.4
00:07/15										
00:19-01:19	.7 25.2 7.	nd 25. 164.	2.27 195.	.05 .068	1.15 .051	1.10 .020	.03 .000	.02 23.4	nd 85.	.030 1015.1
00:49-01:49	.5 24.7 7.	nd 24. 167.	2.18 197.	.05 .068	1.06 .054	1.09 .016	.02 .000	.02 23.6	nd 85.	.023 1015.2
01:19-02:19	.5 24.3 6.	nd 25. 184.	2.11 201.	.05 .067	1.01 .053	1.07 .012	.01 .000	nd 23.4	nd 86.	.032 1015.1
01:49-02:49	.6 24.5 7.	nd 26. 191.	2.11 206.	.05 .064	1.01 .048	1.08 .011	.01 .000	.01 23.5	nd 87.	.048 1015.1

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Baron
02:19-03:19	.6 24.8 6.	nd 26. 181.	2.30 208.	.06 .059	1.26 .042	1.22 .013	.02 .000	.02 23.5	nd 88.	.041 1015.2
03:49-04:49	.6 24.7 6.	nd 24. 169.	2.55 204.	.06 .056	1.13 .037	1.40 .016	.02 .000	.02 23.5	nd 89.	.037 1015.2
04:19-04:19	.6 24.5 7.	nd 23. 165.	2.64 201.	.06 .054	1.16 .033	1.46 .018	.02 .000	.02 23.3	nd 90.	.034 1015.2
04:49-04:49	.6 24.3 7.	nd 24. 170.	4.69 201.	.06 .051	1.90 .031	2.93 .020	.02 .000	.02 23.2	nd 90.	.032 1015.2
04:19-05:19	.6 24.1 8.	nd 25. 174.	5.73 201.	.06 .049	2.12 .030	3.64 .019	.02 .000	.02 23.0	nd 91.	.030 1014.7
04:49-05:49	.6 23.9 8.	nd 26. 175.	4.95 201.	.06 .047	1.86 .029	3.10 .018	.03 .000	.02 22.8	nd 92.	.028 1014.2
05:19-06:19	.6 23.6 8.	nd 29. 189.	4.27 205.	.06 .047	1.65 .029	2.63 .017	.02 .000	.02 22.7	nd 92.	.030 1014.1
05:49-06:49	.7 23.5 9.	nd 30. 195.	3.47 207.	.06 .048	1.38 .029	2.09 .017	.02 .002	.02 22.7	nd 92.	.031 1014.1
06:19-07:19	.7 23.3 9.	nd 29. 194.	4.56 205.	.07 .048	1.73 .026	2.95 .018	.03 .005	.03 22.7	nd 91.	.029 1014.0
06:49-07:49	.7 23.1 9.	nd 27. 181.	5.05 203.	.07 .045	1.98 .023	3.19 .020	.04 .009	.03 23.1	nd 92.	.026 1014.3
07:19-08:19	.7 23.2 9.	nd 26. 186.	4.10 201.	.07 .046	1.58 .027	2.53 .020	.04 .013	.03 23.7	nd 98.	.030 1013.9
07:49-08:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
08:19-09:19	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -

Time	CO Temp-H Wind-Spd	TRB Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Baroc
08:49-09:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
09:19-10:19	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
09:49-10:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
10:19-11:19	.8 24.2 15.	nd 24. 202.	1.39 196.	.07 -	.42 -	.95 -	.03 .039	.02 25.9	nd 80.	.054 1012.7
10:49-11:49	.7 24.6 17.	.002 24. 206.	1.32 199.	.09 .073	.41 .061	.90 .016	.02 .062	.02 27.2	nd 76.	.054 1012.0
11:19-12:19	.6 25.2 18.	.003 26. 207.	1.34 199.	.08 .082	.46 .070	.97 .017	.02 .069	.02 28.1	nd 73.	.062 1011.8
11:49-12:49	.6 25.3 19.	.003 26. 205.	1.42 196.	.09 .091	.54 .074	.86 .017	.02 .054	.02 27.9	nd 73.	.071 1011.4
12:19-13:19	.6 25.0 19.	.004 25. 203.	1.50 195.	.09 .093	.61 .072	.95 .019	.02 .023	.02 26.7	nd 77.	.068 1011.2
12:49-13:49	.6 24.6 15.	.004 25. 202.	1.51 195.	.09 .090	.61 .068	.97 .018	.02 .010	.02 25.7	nd 82.	.055 1010.9
13:19-14:19	.5 24.4 14.	.003 25. 206.	1.47 197.	.10 .086	.57 .066	.88 .016	.02 .019	.02 25.7	nd 80.	.060 1010.5
13:49-14:49	.5 24.6 16.	.003 28. 208.	1.41 199.	.10 .085	.53 .066	.86 .015	.02 .029	.01 26.3	nd 77.	.063 1010.0
14:19-15:19	.5 24.9 19.	.002 29. 212.	1.33 204.	.10 .085	.48 .067	.93 .014	.01 .056	.01 27.4	nd 73.	.065 1010.0
14:49-15:49	.5 25.2 20.7	.003 32. 215.	1.50 205.	.11 .088	.48 .272	.92 .015	.01 .065	.01 28.0	nd 71.	.071 1010.0

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-F	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
15:19-16:19	.5 25.4 22.	.005 33. 215.	1.34 203.	.11 .092	.53 .075	.79 .014	.01 .053	.01 28.0	nd 71.	.073 1009.7
16:49-17:49	.5 25.4 20.	.005 30. 214.	1.38 203.	.11 .095	.57 .075	.78 .015	.01 .061	.01 28.1	nd 71.	.074 1009.2
17:19-18:19	.5 25.5 17.	.006 26. 210.	1.42 201.	.12 .096	.51 .076	.77 .014	.02 .062	.01 28.1	nd 73.	.072 1009.0
17:49-18:49	.5 25.9 15.	.006 24. 210.	1.48 202.	.12 .097	.58 .079	.76 .011	.01 .053	.01 28.3	nd 73.	.076 1008.9
18:19-19:19	.4 26.3 15.	.007 27. 214.	1.50 206.	.11 .098	.71 .081	.75 .013	.01 .041	nd 28.5	nd 72.	.078 1008.4
18:49-19:49	.4 26.8 13.	.007 24. 229.	1.53 217.	.06 .098	.73 .079	.75 .014	.01 .036	nd 29.0	nd 70.	.072 1008.0
19:19-19:19	.4 27.3 14.	.007 24. 260.	1.55 237.	.03 .089	.75 .073	.75 .010	nd .033	nd 29.9	nd 63.	.067 1008.0
19:49-19:49	.3 27.3 17.	.007 26. 276.	1.52 250.	.04 .076	.73 .069	.75 .007	nd .023	nd 29.9	nd 58.	.066 1008.0
19:19-20:19	.3 27.1 15.	.007 24. 284.	1.52 258.	.04 .072	.72 .069	.76 .005	nd .015	nd 28.9	nd 59.	.064 1008.0
19:49-20:49	.3 26.6 11.	.006 22. 285.	1.54 260.	.04 .071	.73 .065	.77 nd	nd .008	nd 27.8	nd 62.	.060 1008.3
20:19-21:19	.3 26.2 14.	.004 27. 296.	1.51 263.	.04 .068	.68 .059	.79 .005	nd .003	nd 27.2	nd 62.	.052 1008.0
20:49-21:49	.2 25.8 21.	.003 32. 292.	1.43 267.	.05 .061	.60 .052	.80 .004	nd .001	nd 26.8	nd 56.	.047 1009.1
21:19-22:19	.2 25.1 19.	nd 32. 294.	1.36 269.	.05 .053	.51 .047	.82 nd	nd .002	nd 26.1	nd 52.	.043 1009.3

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
21:49-22:49	.2 24.5 13.	nd 29. 289.	1.30 264.	.05 .048	.44 .044	.04 nd	nd .000	nd 24.9	nd 55.	.048 1029.9
22:19-23:19	.2 24.0 7.	nd 29. 270.	1.25 256.	.05 .046	.38 .039	.06 nd	nd .000	nd 23.5	nd 61.	.038 1010.0
22:49-23:49	.2 23.5 6.	nd 29. 262.	1.26 253.	.05 .044	.36 .037	.09 nd	.01 .000	nd 22.6	nd 65.	.037 1010.2
23:19-00:19	.2 23.3 5.	nd 30. 255.	1.32 250.	.05 .042	.36 .035	.06 .025	.01 .000	.01 22.0	nd 67.	.034 1010.0
23:49-00:49	.2 23.2 3.	nd 30. 240.	1.27 245.	.05 .041	.31 .034	.06 .005	nd .000	nd 21.4	nd 66.	.034 1010.0
04/07/16 00:19-01:19	.2 22.9 4.	nd 32. 239.	1.26 244.	.06 .041	.30 .036	.06 .005	nd .000	nd 21.2	nd 70.	.036 1009.8
00:49-01:49	.3 22.5 4.	nd 31. 234.	1.36 240.	.05 .041	.33 .034	1.02 .006	nd .000	.01 20.9	nd 72.	.034 1009.5
01:19-02:19	.3 22.2 3.	nd 32. 225.	1.37 235.	.05 .041	.34 .030	1.03 .006	.02 .000	.02 20.5	nd 75.	.031 1009.1
01:49-02:49	.4 22.0 4.	nd 34. 239.	1.30 238.	.05 .039	.31 .027	1.00 .010	.02 .000	.02 20.3	nd 77.	.028 1009.0
02:19-03:19	.4 21.5 5.	nd 33. 243.	1.35 243.	.05 .037	.31 .021	1.05 .011	.03 .000	.03 20.1	nd 77.	.023 1009.0
02:49-03:49	.4 20.6 5.	nd 30. 246.	1.49 247.	.05 .033	.36 .016	1.14 .014	.04 .000	.04 19.9	nd 79.	.018 1029.0
03:19-04:19	.3 19.9 5.	nd 30. 272.	1.48 253.	.05 .030	.35 .019	1.13 .016	.03 .000	.03 19.6	nd 80.	.022 1009.0

Time	CO Temp-H Wind-Spd	TRB Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
03:49-04:49	.3 19.6 10.	nd 33. 283.	1.33 259.	.05 .032	.26 .025	1.08 .013	.02 .000	.02 19.8	nd 80.	.028 1029.0
04:19-05:19	.3 19.2 13.	nd 33. 289.	1.22 265.	.05 .036	.20 .030	1.03 .009	.01 .002	.21 19.9	nd 81.	.032 1029.0
04:49-05:49	.3 18.8 14.	nd 31. 295.	1.16 273.	.05 .037	.17 .031	1.00 .006	.02 .000	nd 19.8	.01 82.	.032 1029.0
05:19-06:19	.3 18.5 14.	nd 31. 301.	1.15 278.	.05 .037	.17 .030	.99 .005	.01 .000	nd 19.5	.01 85.	.032 1029.2
05:49-06:49	.3 18.2 15.	nd 31. 303.	1.14 279.	.05 .037	.18 .030	.97 .005	nd .002	nd 19.4	nd 86.	.032 1029.0
06:19-07:19	.3 17.7 16.	nd 29. 302.	1.12 277.	.05 .036	.16 .028	.97 .006	nd .006	nd 19.3	nd 86.	.030 1010.0
06:49-07:49	.3 17.6 15.	nd 25. 305.	1.09 277.	.05 .033	.14 .026	.96 .005	nd .013	nd 19.5	nd 85.	.029 1010.0
07:19-08:19	.2 17.8 16.	nd 22. 309.	1.33 279.	.05 .031	.34 .024	.99 .005	nd .026	nd 20.1	nd 81.	.027 1010.1
07:49-08:49	.2 18.3 17.	nd 23. 313.	1.30 281.	.05 .029	.33 .024	.98 .005	nd .038	nd 21.1	nd 75.	.028 1010.1
08:19-09:19	.2 18.8 19.	nd 23. 304.	1.00 274.	.04 .029	nd .026	.92 nd	nd .048	nd 21.7	nd 71.	.029 1010.1
08:49-09:49	.2 19.0 20.	nd 24. 297.	.98 261.	.02 .031	nd .028	.99 nd	.01 .059	nd 22.4	nd 69.	.030 1010.0
09:19-10:19	.2 19.2 21.	nd 26. 285.	.97 259.	.02 .031	.10 .028	.99 nd	.01 .068	nd 23.0	nd 67.	.032 1010.0
09:49-10:49	.2 19.4 22.	nd 27. 296.	.96 268.	.02 .032	.11 .032	.96 nd	nd .076	nd 22.9	nd 65.	.030 1010.0

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
10:19-11:19	.2 19.6 23.	nd 28. 301.	.97 273.	.02 .035	.13 .030	.85 nd	nd .082	nd 23.8	nd 64.	.033 1010.0
10:49-11:49	.2 19.8 23.	nd 27. 296.	1.01 269.	.03 .036	.16 .032	.85 nd	nd .079	nd 23.5	nd 63.	.034 1010.0
11:19-12:19	.2 20.2 23.	nd 29. 292.	1.01 266.	.03 .037	.19 .034	.84 nd	nd .085	nd 23.9	nd 62.	.035 1010.2
11:49-12:49	.2 20.6 24.	nd 30. 296.	1.02 271.	.03 .039	.20 .034	.82 nd	nd .099	nd 24.2	nd 57.	.035 1010.0
12:19-13:19	.2 21.0 23.	nd 29. 296.	1.06 278.	.04 .037	.24 .034	.81 nd	nd .102	nd 24.8	nd 55.	.035 1010.0
12:49-13:49	.2 21.4 22.	nd 26. 293.	1.06 267.	.04 .037	.26 .034	.80 nd	nd .093	nd 25.6	nd 53.	.037 1010.2
13:19-14:19	.2 21.6 23.	nd 28. 296.	1.11 271.	.03 .038	.31 .036	.79 nd	nd .071	nd 25.3	nd 53.	.037 1010.0
13:49-14:49	.2 21.7 23.	nd 28. 298.	1.19 274.	.04 .040	.36 .037	.81 nd	nd .064	nd 24.9	nd 55.	.039 1010.0
14:19-15:19	.1 21.9 23.	.057 * 30. 307.	1.25 281.	.05 -	.42 .037	.82 nd	nd .056	nd 25.6	nd 53.	.038 1010.1
14:49-15:49	.1 22.0 23.	.057 * 30. 306.	1.26 281.	.03 -	.44 .037	.81 nd	nd .047	nd 25.6	nd 53.	.038 1010.1
15:19-16:19	.1 22.2 20.	nd 25. 298.	1.26 276.	.03 -	.43 .038	.81 nd	nd .049	nd 25.0	nd 55.	.038 1010.0
15:49-16:49	.1 22.5 19.	nd 24. 299.	1.27 276.	.03 .042	.44 .039	.91 nd	nd .049	nd 25.3	nd 54.	.038 1010.0
16:19-17:19	.2 22.9 18.	nd 23. 298.	1.22 277.	.03 .043	.39 .040	.81 nd	nd .065	nd 26.0	nd 52.	.040 1010.0

Time	CO Temp-H Wind-Spd	TPS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
14:49-17:49	.2 23.2 19.	nd 25. 299.	1.20 278.	.03 .044	.39 .040	.79 nd	nd .067	nd 26.3	nd 53.	.041 1029.9
15:19-18:19	.1 23.3 22.	nd 25. 301.	1.24 279.	.03 .044	.43 .041	.79 nd	nd .057	nd 26.2	nd 49.	.041 1029.5
15:49-18:49	.1 23.4 18.	nd 23. 303.	1.24 282.	.03 .042	.44 .041	.79 nd	nd .049	nd 26.3	nd 48.	.042 1029.3
16:19-19:19	.2 23.5 17.	nd 22. 306.	1.24 282.	.03 .038	.43 .041	.79 nd	nd .039	nd 26.3	nd 47.	.041 1029.1
16:49-19:49	.2 23.4 13.	nd 19. 313.	1.29 290.	.03 .041	.47 .039	.80 nd	.02 .030	.01 26.3	nd 47.	.039 1029.0
17:19-20:19	.2 23.2 9.	nd 16. 322.	1.30 297.	.03 .045	.48 .037	.81 .005	.02 .019	.01 25.9	nd 47.	.035 1029.2
17:49-20:49	.2 22.9 6.	nd 16. 325.	1.31 295.	.03 .044	.46 .037	.83 .006	nd .010	nd 25.0	nd 50.	.036 1029.6
18:19-21:19	.4 22.7 3.	nd 16. 323.	1.35 288.	.03 .044	.48 .031	.86 .007	.02 .003	.02 23.5	nd 56.	.031 1029.5
18:49-21:49	.6 22.5 0.	nd 13. 309.	1.35 276.	.02 .040	.46 .017	.88 .013	.03 .000	.03 21.0	nd 70.	.019 1029.5
19:19-22:19	.5 22.4 0.	nd 14. 217.	1.31 262.	.02 .034	.39 .011	.91 .021	.04 .000	.04 19.0	nd 83.	.013 1029.9
19:49-22:49	.5 22.3 0.	nd 17. 210.	1.39 255.	.02 .033	.43 .014	.96 .020	.03 .000	.03 18.3	nd 86.	.016 1010.0
20:19-23:19	.5 22.2 0.	nd 19. 246.	1.40 255.	.02 .036	.42 .015	.98 .020	.03 .000	.03 17.8	nd 89.	.017 1010.0
20:49-23:49	.4 22.1 2.	nd 22. 241.	1.32 257.	.02 .035	.31 .019	1.02 .019	.02 .000	.02 17.6	nd 89.	.021 1010.0

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
23:19-00:19	.3 21.7 3.	nd 24. 249.	1.58 256.	.02 .033	.26 .021	1.06 .013	.02 .000	.02 18.2	nd 93.	.023 1010.2
23:49-00:49	.3 20.2 1.	nd 17. 352.	1.27 269.	.02 .033	.26 .020	1.03 .012	.02 .000	.02 17.9	nd 79.	.022 1010.2
24/07/17										
00:19-01:19	.3 19.1 2.	nd 18. 27.	1.25 302.	.02 .032	.27 .020	1.00 .012	.02 .000	.02 17.2	nd 81.	.022 1010.2
00:49-01:49	.3 19.1 1.	nd 7. 157.	1.92 297.	.02 .032	.49 .017	1.45 .013	.02 .000	.02 16.4	nd 84.	.021 1009.9
01:19-02:19	.3 19.0 2.	nd 4. 169.	2.32 242.	.02 .031	.61 .015	1.73 .014	.02 .000	.02 16.1	nd 87.	.019 1009.6
01:49-02:49	.3 18.5 3.	nd 10. 170.	1.91 213.	.02 .029	.46 .012	1.37 .015	.02 .000	.02 16.4	nd 89.	.015 1009.7
02:19-03:19	.3 18.4 2.	nd 15. 168.	1.56 211.	.02 .027	.39 .008	1.20 .016	.03 .000	.03 16.6	nd 91.	.012 1009.4
02:49-03:49	.3 18.6 3.	nd 19. 166.	1.51 210.	.02 .025	.35 .009	1.17 .019	.03 .000	.03 16.9	nd 91.	.013 1009.2
03:19-04:19	.3 18.7 4.	nd 21. 167.	1.52 210.	.02 .027	.35 .010	1.18 .018	.03 .000	.03 16.7	nd 92.	.014 1009.6
03:49-04:49	.4 18.7 4.	nd 23. 178.	1.58 209.	.02 .028	.39 .010	1.20 .018	.03 .000	.03 16.7	nd 92.	.014 1009.4
04:19-05:19	.4 18.7 3.	nd 24. 214.	1.59 213.	.02 .029	.40 .012	1.19 .019	.03 .000	.03 16.7	nd 94.	.017 1009.6
04:49-05:49	.4 18.6 2.	nd 22. 238.	1.55 216.	.02 .031	.39 .015	1.17 .017	.02 .000	.02 16.4	nd 96.	.019 1009.5

Time	CO Temp-H Wind-Spd	TRG Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-F	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
19-06:19	.4 18.4 2.	nd 21. 206.	1.55 212.	.02 .032	.38 .014	1.12 .016	.03 .000	.03 16.4	nd 95.	.018 1009.3
49-06:49	.4 18.4 4.	nd 22. 194.	1.52 210.	.02 .031	.38 .015	1.16 .016	.03 .002	.03 16.9	nd 92.	.019 1009.1
19-07:19	.4 18.5 7.	nd 24. 197.	1.41 210.	.02 .033	.32 .019	1.12 .017	.03 .006	.03 17.9	nd 87.	.023 1009.1
49-07:49	.4 18.7 9.	nd 27. 202.	1.29 210.	.02 .034	.25 .023	1.05 .015	.03 .012	.02 19.0	nd 81.	.027 1009.1
19-08:19	.4 18.9 11.	nd 27. 200.	1.30 207.	.02 .037	.26 .025	1.05 .013	.03 .015	.02 19.8	nd 79.	.028 1009.0
49-08:49	.5 19.1 13.	nd 26. 191.	1.36 199.	.02 .039	.29 .023	1.09 .013	.03 .016	.03 20.4	nd 79.	.027 1009.0
19-09:19	.6 19.4 16.	nd 27. 187.	1.36 193.	.02 .040	.30 .020	1.07 .016	.04 .014	.03 20.9	nd 77.	.024 1007.8
49-09:49	.7 19.7 16.	nd 25. 194.	1.30 195.	.02 .038	.29 .019	1.02 .018	.05 .012	.04 9.9	nd 65.	.023 999.5
19-10:19	.7 19.8 15.	nd 23. 201.	1.22 198.	.02 .039	.25 .021	.98 .020	.05 .034	.04 4.9	.01 58.	.026 993.8
49-10:49	.6 20.4 18.	nd 24. 205.	1.10 199.	.02 .045	.17 .020	.93 .020	.04 .055	.03 17.5	.01 61.	.032 1002.5
19-11:19	.6 20.9 17.	nd 23. 211.	1.04 201.	.02 .048	.16 .031	.93 .018	.03 .040	.03 23.7	nd 64.	.034 1006.5
49-11:49	.5 20.6 14.	nd 23. 219.	1.07 209.	.02 .050	.21 .029	.97 .019	.03 .020	.03 22.9	nd 69.	.032 1006.5
19-12:19	.6 19.3 11.	nd 22. 229.	1.13 217.	.01 .048	.25 .027	.98 .018	.03 .014	.03 21.0	nd 61.	.029 1006.9

Time	CO Temp-H Wind-Spd	TRB Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-P	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
11:49-12:49	.5 17.9 11.	nd 24. 213.	1.12 209.	.04 .044	.23 .028	.39 .014	.23 .013	.02 19.2	nd 94.	.025 1026.7
12:19-13:19	.4 17.9 14.	nd 26. 199.	1.05 199.	.05 .043	.17 .031	.88 .012	.02 .033	.02 19.5	nd 93.	.030 1026.3
12:49-13:49	.4 19.0 14.	nd 24. 204.	1.00 199.	.02 .045	.14 .033	.96 .012	.22 .072	.01 21.7	nd 85.	.036 1026.2
13:19-14:19	.4 20.1 15.	nd 23. 216.	.99 203.	nd .050	.14 .038	.84 .013	.02 .090	.01 24.8	nd 75.	.041 1025.2
13:49-14:49	.4 20.9 16.	nd 25. 217.	1.03 204.	nd .056	.21 .042	.92 .015	.02 .092	.02 24.3	nd 72.	.044 1025.5
14:19-15:19	.5 21.1 20.	nd 27. 205.	1.11 197.	nd .060	.30 .043	.80 .016	.02 .078	.02 24.5	nd 74.	.044 1025.1
14:49-15:49	.4 21.4 25.	nd 33. 200.	1.17 192.	nd .063	.38 .047	.78 .017	.02 .087	.02 24.5	nd 74.	.047 1024.8
15:19-16:19	.4 21.9 29.	.002 37. 201.	1.20 193.	nd .069	.43 .052	.75 .017	.02 .088	.02 24.8	nd 73.	.051 1024.3
15:49-16:49	.3 22.2 29.	.003 39. 206.	1.22 197.	nd .073	.46 .052	.74 .017	.02 .092	.01 24.6	nd 74.	.051 1023.5
16:19-17:19	.3 21.9 24.	.002 35. 212.	1.29 200.	nd .070	.49 .050	.75 .014	.02 .012	.01 23.7	nd 76.	.051 1023.6
16:49-17:49	.3 21.9 22.	nd 33. 216.	1.25 203.	nd .065	.47 .050	.78 .012	.02 .021	.01 23.4	nd 77.	.051 1023.8
17:19-18:19	.3 21.7 21.	nd 30. 223.	1.19 208.	nd .065	.39 .050	.78 .012	.01 .044	nd 23.9	nd 73.	.050 1023.7
17:49-18:49	.3 21.2 17.	.002 25. 226.	1.14 212.	nd .063	.36 .049	.76 .011	nd .035	nd 23.7	nd 72.	.049 1023.4

Time	CO Temp-H Wind-Spd	TRB Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barco
19:19-19:19	.3 19.8 15.	nd 23. 216.	1.15 205.	nd .058	.37 .048	.77 .007	nd .015	nd 22.0	nd 79.	.045 1007.6
19:49-19:49	.3 19.0 14.	nd 22. 213.	1.15 201.	nd .056	.34 .047	.90 .007	nd .005	nd 20.8	nd 84.	.045 1004.0
19:19-20:19	.3 19.0 15.	nd 25. 221.	1.11 207.	nd .056	.28 .048	.82 .008	nd .007	nd 20.7	nd 84.	.048 1004.2
19:49-20:49	.3 19.1 14.	nd 26. 230.	1.05 215.	nd .057	.22 .047	.82 .008	nd .008	nd 21.0	nd 84.	.048 1004.5
20:19-21:19	.3 19.1 11.	nd 22. 229.	1.01 216.	nd .058	.19 .046	.82 .009	nd .005	nd 20.9	nd 84.	.047 1004.0
20:49-21:49	.4 19.5 7.	nd 19. 227.	1.07 222.	nd .056	.23 .040	.84 .010	.02 .001	.02 20.5	nd 90.	.041 1005.0
21:19-22:19	.5 20.0 5.	nd 17. 259.	1.19 249.	nd .050	.29 .030	.89 .013	.03 .000	.03 20.2	nd 91.	.032 1005.1
21:49-22:49	.5 20.0 5.	nd 17. 272.	1.28 265.	nd .044	.31 .025	.97 .017	.03 .000	.33 19.7	nd 90.	.028 1005.6
22:19-23:19	.4 19.6 5.	nd 21. 290.	1.20 266.	nd .044	.25 .031	.95 .017	.02 .000	.02 19.2	nd 87.	.033 1005.9
22:49-23:49	.3 19.1 7.	nd 26. 298.	1.05 268.	nd .046	.17 .037	.86 .011	nd .000	nd 19.9	nd 74.	.039 1005.9
23:19-00:19	.2 18.9 6.	nd 25. 286.	1.02 267.	nd .045	.14 .039	.98 .007	nd .000	nd 18.3	nd 73.	.039 1005.9
23:49-00:49	.2 18.5 5.	nd 24. 295.	1.01 266.	nd .044	.12 .036	.90 .006	nd .000	nd 17.8	nd 74.	.036 1005.9
00:19-01:19	.2 18.3 7.	nd 20. 280.	.99 261.	nd .042	nd .035	.91 .006	nd .000	nd 17.5	nd 74.	.037 1005.9

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Conc-A	Non-CH4 Conc-A	Methane Conc-A	NOx SolarRad	NO2 Temp	NO Humidity	Grass Sarnia
00:49-01:49	.2 17.7 6.	nd 30. 271.	1.06 259.	nd .040	.10 .033	.96 .005	nd .000	nd 15.9	nd 77.	.031 1006.0
01:19-02:19	.2 17.3 4.	nd 27. 262.	1.13 258.	nd .038	.13 .030	1.01 .006	nd .000	nd 16.4	nd 80.	.033 1006.2
01:49-02:49	.2 15.9 3.	nd 24. 257.	1.25 261.	nd .036	.17 .023	1.09 .008	.02 .000	.02 16.0	nd 81.	.027 1005.9
02:19-03:19	.2 16.6 3.	nd 23. 260.	1.27 263.	nd .034	.19 .019	1.10 .012	.03 .000	.03 15.5	nd 82.	.022 1005.6
02:49-03:49	.2 16.1 3.	nd 23. 273.	1.21 264.	nd .033	.17 .017	1.06 .010	.03 .000	.03 15.1	nd 85.	.021 1005.6
03:19-04:19	.2 15.7 3.	nd 24. 274.	1.27 268.	nd .032	.19 .021	1.09 .012	.02 .000	.02 14.6	nd 88.	.024 1005.4
03:49-04:49	.2 15.6 3.	nd 23. 262.	1.31 269.	nd .032	.21 .024	1.12 .010	nd .000	nd 14.4	nd 89.	.027 1005.1
04:19-05:19	.2 15.4 4.	nd 24. 262.	1.31 265.	nd .031	.21 .021	1.12 .010	.01 .000	.01 14.3	nd 89.	.024 1005.2
04:49-05:49	.2 15.3 6.	nd 26. 272.	1.47 265.	nd .030	.27 .020	1.21 .011	.01 .000	.01 14.4	nd 89.	.024 1005.5
05:19-06:19	.2 15.1 7.	nd 27. 281.	1.44 269.	nd .029	.25 .022	1.21 .008	nd .000	nd 14.6	nd 89.	.028 1005.8
05:49-06:49	.2 14.7 9.	nd 28. 283.	1.21 270.	nd .030	.16 .022	1.06 .008	.01 .001	nd 14.7	nd 89.	.023 1005.9
06:19-07:19	.3 14.3 10.	nd 28. 290.	1.14 272.	nd .030	.13 .020	1.01 .008	.01 .006	.01 14.9	nd 89.	.023 1006.0
06:49-07:49	.2 14.0 12.	nd 27. 306.	1.08 279.	nd .029	.11 .019	.97 .009	.01 .010	nd 15.6	nd 88.	.022 1006.0

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx Solar Rad	NO2 Temp	NO Humidity	Ozone Barom
08:19-08:19	.2 13.9 16.	nd 25. 312.	1.08 283.	nd .027	.11 .018	.96 .009	nd .011	nd 16.1	nd 88.	.012 1036.4
08:49-08:49	.2 14.0 18.	nd 24. 313.	1.05 284.	nd .026	nd .018	.95 .007	nd .012	nd 16.4	nd 89.	.022 1006.9
09:19-09:19	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
09:49-09:49	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
09:19-10:19	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -
09:49-10:49	.2 15.0 16.	nd 19. 315.	1.53 288.	.02 -	.27 -	1.38 -	.20 .045	nd 18.4	.20 81.	.088 + 1028.2
10:19-11:19	.2 15.5 16.	nd 20. 317.	1.55 290.	.02 .035	.28 .031	1.39 nd	.40 .045	.01 18.8	.40 76.	.090 + 1028.1
10:49-11:49	.2 16.1 16.	nd 21. 323.	1.53 295.	.01 .036	.27 .033	1.38 nd	.26 .060	.04 20.1	.22 69.	.086 + 1028.5
11:19-12:19	.2 16.5 16.	nd 22. 325.	1.53 295.	nd .039	.28 .034	1.38 nd	.36 .072	.03 21.2	.03 64.	.068 1028.9
11:49-12:49	.2 16.6 19.	nd 22. 321.	1.33 290.	nd .039	.22 .034	1.21 nd	nd .066	nd 20.7	nd 66.	.075 1029.0
12:19-13:19	.2 16.8 17.	nd 21. 320.	- 291.	nd .037	.11 .034	1.02 nd	nd .059	nd 20.7	nd 67.	.036 1005.2
12:49-13:49	.2 17.3 15.	nd 21. 324.	- 299.	.04 .038	nd .035	.98 nd	nd .062	nd 21.5	nd 65.	.036 1009.6
13:19-14:19	.2 17.4 15.	nd 22. 329.	- 299.	.17 .039	nd .034	.98 nd	nd .057	nd 21.7	nd 65.	.035 1007.9

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	CO2 Ozone-T	Non-CO4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Baro
13:49-14:49	.2 17.4 15.	nd 21. 329.	- 300.	.31 * .237	nd .032	.97 nd	nd .059	nd 21.8	nd 65.	.033 1012.2
14:19-15:19	.7 17.7 11.	nd 17. 338.	- 312.	.33 * .035	.16 .031	.98 nd	.01 .067	nd 27.0	nd 63.	.033 1012.2
14:49-15:49	.7 17.7 9.	nd 17. 360.	- 334.	.18 .037	.22 .030	.99 .005	.02 .052	nd 23.3	nd 65.	.033 1010.1
15:19-16:19	.3 17.5 10.	nd 20. 13.	1.06 347.	.05 .042	.17 .030	.98 .010	.02 .037	nd 22.8	nd 67.	.033 1012.5
15:49-16:49	.3 17.5 10.	nd 19. 15.	1.24 348.	.04 .041	.16 .029	.97 .011	.02 .033	.31 22.6	nd 68.	.033 1011.2
16:19-17:19	.3 17.5 9.	.002 18. 20.	1.15 348.	.08 .038	.25 .026	.98 .010	.02 .027	.31 22.3	nd 71.	.029 1011.3
16:49-17:49	.3 17.3 10.	.003 20. 24.	1.19 350.	.14 .039	.29 .027	.99 .013	.02 .036	.31 21.7	nd 75.	.029 1011.2
17:19-18:19	.2 17.7 10.	nd 20. 19.	1.07 346.	.09 .030	.17 .027	.98 .010	.01 .049	nd 22.3	nd 72.	.029 1012.2
17:49-18:49	.2 17.8 11.	nd 20. 18.	1.10 346.	.03 .033	.18 .026	.99 .007	.01 .049	nd 23.3	nd 67.	.029 1012.3
18:19-19:19	.2 17.4 11.	nd 22. 17.	1.15 349.	.08 .032	.23 .023	1.01 .002	.02 .039	nd 22.8	nd 67.	.029 1012.6
18:49-19:49	.2 17.3 10.	nd 21. 14.	1.06 348.	.10 .033	.14 .021	1.00 .211	.02 .029	nd 22.2	nd 68.	.023 1012.0
19:19-20:19	.2 17.4 8.	.002 20. 15.	1.02 348.	.10 .030	.11 .020	.99 .010	.02 .019	nd 21.4	nd 69.	.021 1013.1
19:49-20:49	.2 17.5 5.	.002 16. 13.	1.04 347.	.07 .027	.13 .018	1.20 .009	.02 .010	nd 20.4	nd 72.	.020 1017.5

Time	CO Temp-H Wind-Spd	TRB Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Baron
:19-21:19	.2 17.4 2.	.002 12. 14.	1.06 349.	.02 .027	.16 .016	1.01 .010	.72 .003	.01 18.7	nd 76.	.017 1013.9
:49-21:49	.3 17.3 0.	.003 6. 73.	2.48 356.	.05 .026	.69 .011	1.95 .011	.03 .001	.02 16.9	.01 83.	.015 1014.2
:19-22:19	.4 17.2 0.	.003 1. 153.	3.54 360.	.06 .023	1.09 .025	2.64 .014	.05 .000	.03 15.8	.02 90.	.028 1014.2
21:49-22:49	.5 17.2 0.	.003 0. 178.	2.93 144.	.04 .021	.89 nd	2.20 .016	.05 .000	.03 15.1	.02 95.	.026 1014.4
22:19-23:19	.5 17.3 0.	.003 1. 181.	2.32 158.	.04 .021	.67 nd	1.78 .018	.05 .000	.03 14.7	.02 97.	.026 1014.8
23:49-23:49	.5 17.3 1.	.003 4. 177.	1.71 174.	.04 .022	.44 nd	1.38 .018	.04 .000	.02 14.5	.02 99.	.027 1015.0
:19-00:19	.4 17.4 1.	.003 6. 181.	1.42 182.	.03 .022	.33 .004	1.19 .016	.03 .000	.02 14.5	nd 100.	.028 1015.0
:49-00:49	.4 17.5 1.	.003 8. 195.	1.46 188.	.03 .022	.35 .004	1.21 .017	.02 .000	.02 14.4	nd 100.	.028 1015.0
00/07/19 00:19-01:19	.3 17.4 1.	.003 10. 221.	1.46 195.	.02 .021	.35 .005	1.21 .017	.02 .000	.02 14.1	nd 100.	.029 1015.2
01:49-01:49	.3 17.2 0.	.003 12. 248.	1.44 205.	.02 .020	.32 .006	1.22 .015	.02 .000	.01 13.7	nd 100.	.029 1015.6
:19-02:19	.3 17.3 0.	.002 14. 232.	1.41 213.	.02 .020	.30 .007	1.21 .014	.02 .000	.01 13.3	nd 100.	.018 1015.9
:49-02:49	.2 17.4 1.	.003 17. 170.	1.41 215.	.06 .021	.30 .007	1.21 .014	.02 .000	.01 13.2	nd 100.	.011 1015.9

Time	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	TRC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-P	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Baron
02:19-03:19	.2 17.3 2.	.003 22. 184.	1.45 213.	.10 .022	.31 .008	1.24 .014	.01 .000	nd 13.5	nd 99.	.013 1016.2
02:49-03:49	.2 17.0 3.	.003 26. 200.	1.54 214.	.08 .021	.34 .008	1.31 .013	.01 .000	nd 14.2	nd 99.	.012 1016.2
03:19-04:19	.2 17.0 3.	.003 29. 219.	1.65 214.	.06 .020	.38 .007	1.39 .013	.02 .000	.01 14.5	nd 100.	.011 1016.7
03:49-04:49	.2 17.1 2.	.003 29. 240.	1.67 213.	.04 .022	.38 .007	1.40 .013	.02 .000	.01 14.7	nd 100.	.011 1016.7
04:19-05:19	.2 16.7 3.	.003 26. 254.	1.70 220.	.04 .022	.40 .007	1.42 .013	.02 .000	.01 14.3	nd 100.	.010 1017.0
04:49-05:49	.4 16.6 5.	.003 24. 257.	1.92 234.	.04 .021	.52 .005	1.52 .015	.03 .000	.02 14.1	.01 100.	.009 1017.0
05:19-06:19	.8 17.1 6.	.003 21. 260.	2.26 253.	.05 .021	.74 nd	1.63 .017	.07 .000	.03 14.0	.04 100.	.005 1017.1
05:49-06:49	1.0 17.8 3.	.002 20. 265.	2.52 264.	.05 .019	.91 nd	1.72 .016	.10 .002	.04 13.7	.05 100.	.005 1017.4
06:19-07:19	1.0 18.0 2.	nd 20. 278.	2.63 263.	.05 .015	.96 nd	1.79 .013	.10 .005	.03 13.5	.07 100.	.005 1017.8
06:49-07:49	.9 18.1 4.	.002 21. 280.	2.51 259.	.04 .015	.86 nd	1.77 .012	.09 .012	.03 14.2	.05 99.	.007 1018.0
07:19-08:19	.8 18.0 5.	.002 22. 277.	2.21 259.	.04 .018	.69 .006	1.63 .013	.06 .023	.03 16.0	.04 91.	.010 1018.2
07:49-08:49	.5 17.5 8.	nd 20. 279.	1.96 261.	.04 .022	.51 .011	1.46 .014	.04 .034	.02 18.0	.02 91.	.014 1019.5
08:19-09:19	.4 16.8 10.	nd 14. 284.	1.55 263.	.04 .026	.34 .013	1.32 .014	.03 .047	.01 19.7	.01 73.	.020 1019.9

Statistics	CO Temp-H Wind-Spd	TRS Wspd-H Wind-Dir	THC Wdir-H	SO2 Ozone-T	Non-CH4 Ozone-A	Methane Ozone-F	NOx SolarRad	NO2 Temp	NO Humidity	Ozone Barom
Units	ppm d C km/h	ppm km/h deg	ppm deg	ppm ppm	ppm ppm	ppm ppm	ppm W/cm^2	ppm d C	ppm %-rel	ppm mbars-rel
With. Mean	.46 20.1 -	.0052 - -	1.691 - -	.039 .045	.469 .032	1.193 .012	.021 .0275	.019 21.4	.008 77.1	.034 1012.2
Std. Dev.	.25 4.1 -	.0069 - -	.915 - -	.034 .024	.458 .022	.463 .008	.023 .0347	.015 5.0	.028 17.8	.022 4.7
Geo. Mean	.40 - -	.0027 - -	1.576 - -	.026 .040	.275 .024	1.146 .029	.014 -	.014 -	.006 -	.027 -
Geo.Std.Dev	1.69 - -	3.0693 - -	1.414 - -	2.748 1.618	3.127 2.420	1.288 2.229	2.454 -	3.211 -	1.693 -	2.347 -
Min Reading	.05 -39.1 .0	.0010 .0 .0	.458 .1	.005 .002	.050 .002	.425 .002	.005 .0000	.005 -40.3	.005 34.3	.002 959.8
Max Reading	4.06 64.2 44.9	.1388 55.9 360.0	19.558 360.0	.519 .222	6.757 .182	13.802 .150	.558 .1274	.291 34.8	.566 100.0	.222 1022.9
Min Average	.06 9.3 .0	.0010 .1 .0	.957 .3	.005 .011	.050 .002	.744 .002	.005 .0000	.005 4.9	.005 34.3	.002 993.8
Max Average	1.98 29.2 34.6	.0566 45.3 359.9	7.046 359.8	.333 .167	2.344 .140	5.093 .041	.402 .1134	.077 33.5	.396 100.0	.121 1022.4
# Valid Rds	7151. 6565. 7151.	7149. 6565. 7151.	5481. 6565.	6875. 6826.	7151. 6835.	7151. 6771.	7151. 7151.	7151. 7151.	7151. 7148.	7151. 7151.
Min.Det.Lev	.10 - -	.0020 - -	.100 -	.010 .004	.100 .004	.100 .004	.010 -	.010 -	.010 -	.004 952.8
Var Crit.	30.00 - -	.0270 - -	- -	.250 -	- -	- -	- -	.200 -	- -	.080 -

- Invalid Data / Not Calculated

d Average is less than Min. Detectable Level

n One or more readings Missing

* Average is above Provincial Std/Criteria

SARNIA OXIDANT STUDY - June and July, 1984

DAILY, ONE-HOUR AVERAGE CONCENTRATION PLOTS...Camlachie and Courtright data

DAILY GRAPHICAL PRESENTATIONS OF ACQUIRED
POLLUTANT CONCENTRATION DATA FROM
CAMLACHIE AND COURTRIGHT

One-hour average pollutant concentrations as monitored on a continuous basis by Mamu #1 and #2 at Camlachie and Courtright respectively are presented. The resulting graphs are presented for each day of monitoring and span the time from midnight to midnight.

The pollutants plotted are Ozone (O3), non-methane hydrocarbons (TH-M), oxides of nitrogen (NOx) and nitrogen dioxide (NO2). Also, all the meteorological parameters are presented in the same graphs.

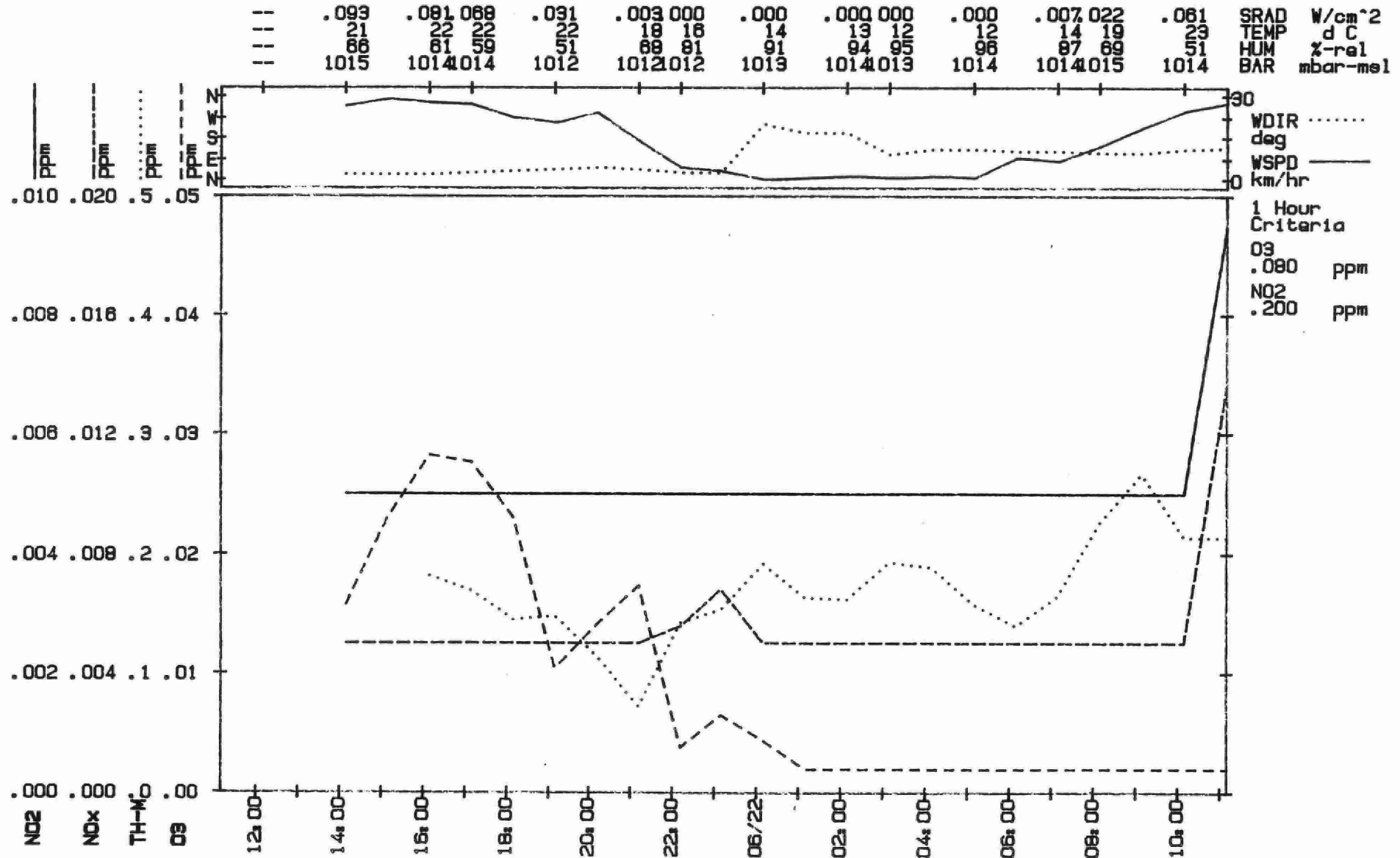
Since the four pollutants noted above were called for in each one of the graphs and some of the graphs only depict two or three of the requested pollutants, this means that there was no valid data for these particular missing pollutants for the time requested.

Each point plotted is a true one-hour average and the time presented is the start time for this average. For example, the point plotted at 18:00 is the average concentration for the time period 18:00 hrs to 19:00 hrs.

Once again, 90 % of the data must be valid and present in any particular hour before that hour average concentration is plotted and if any data, as acquired, is below the minimal detectable limit, a value equal to one-half the minimal detectable limit is included in the computation of the one-hour average concentration. Thus a valid plot of concentration equal to one-half the minimal detectable limit will be presented in the graphs...esp. note the NOx and NO2 presentations.

SARNIA_84: 000A

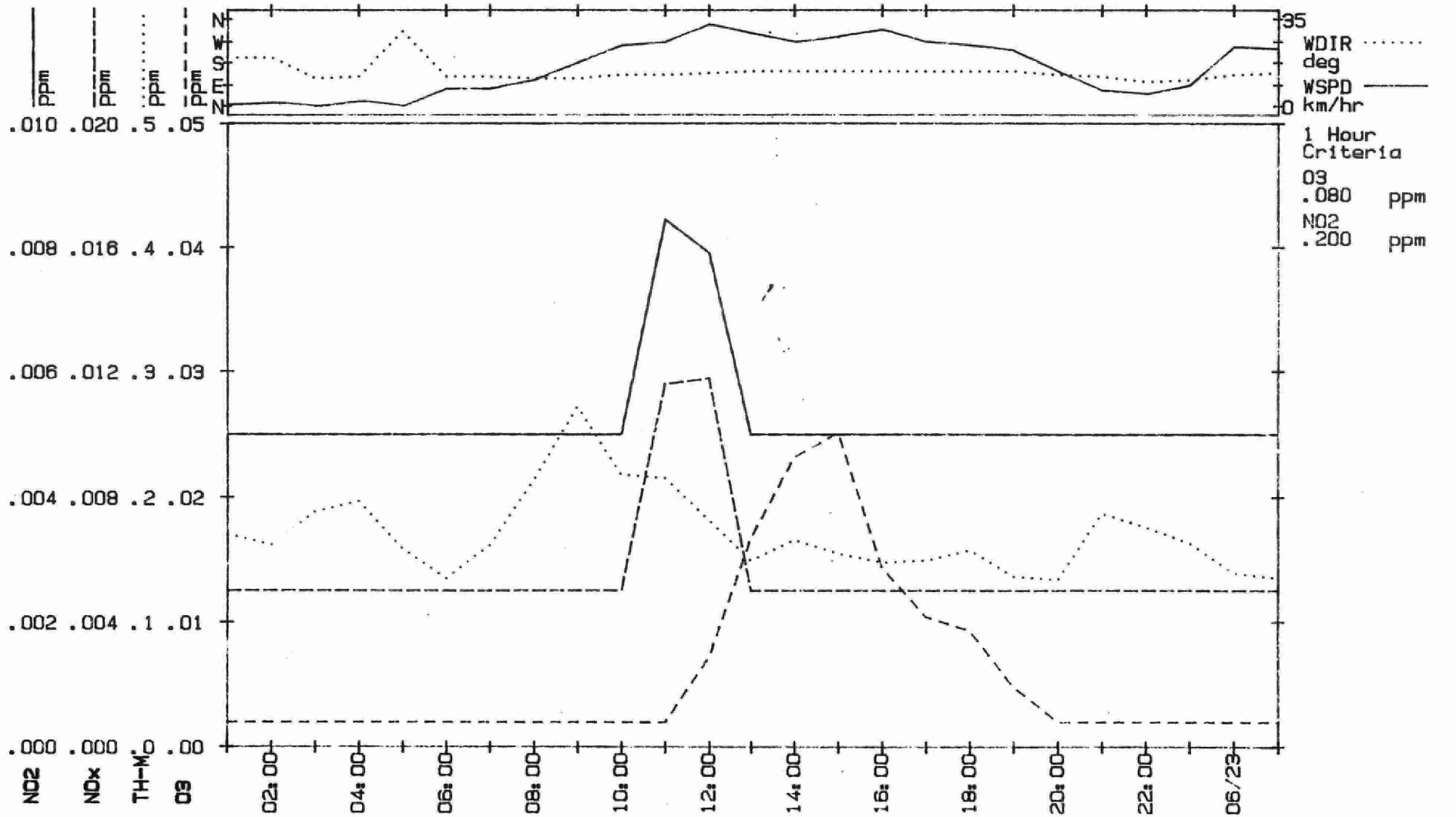
Start: 84/06/21 10:10 Scan: 300 sec. Ave: 60.00 min.
Loc: Camlachie Coast Guard site all acquired data



SARNIA_84: 000A

Start: 84/06/22 00:00 Scan: 300 sec. Ave: 80.00 min.
Loc: Camlachie Coast Guard site all acquired data

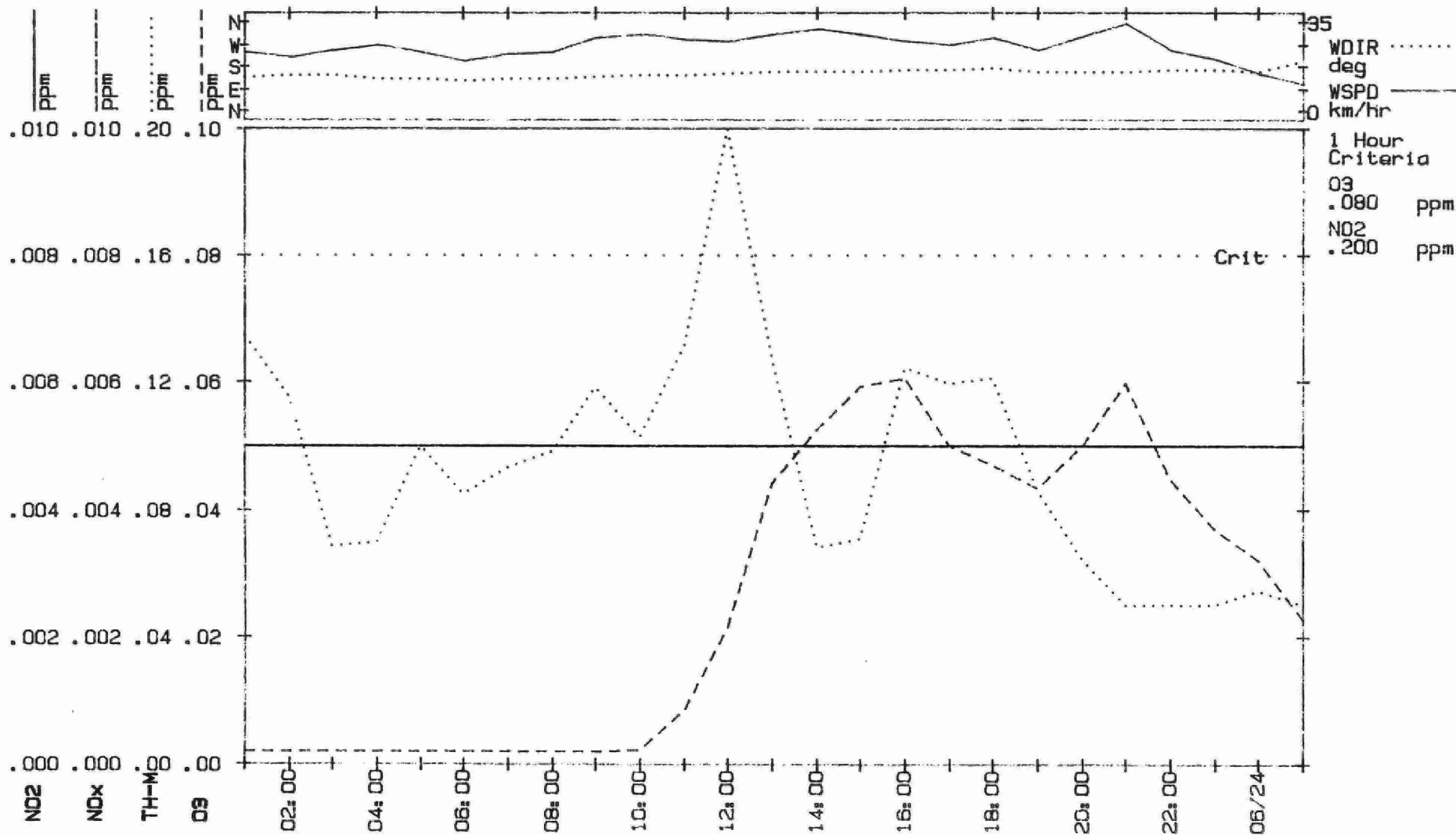
.000	.000	.000 005	.039	.069 088	.098	.063 053	.024	.002 000	.000	SRAD	W/cm^2
13	12	12 14	21	24 26	28	28 28	26	22 21	19	TEMP	d C
94	95	94 89	57	47 43	37	33 31	33	50 56	59	HUM	%-rel
1014	1019	1014 1014	1015	1013 1012	1010	1008 1007	1006	1005 1005	1005	BAR	mbar-mel



SARNIA_84: 000A

Start: 84/06/23 00:00 Scan: 300 sec. Ave: 60.00 min.
Loc: Camlachie Coast Guard site all acquired data

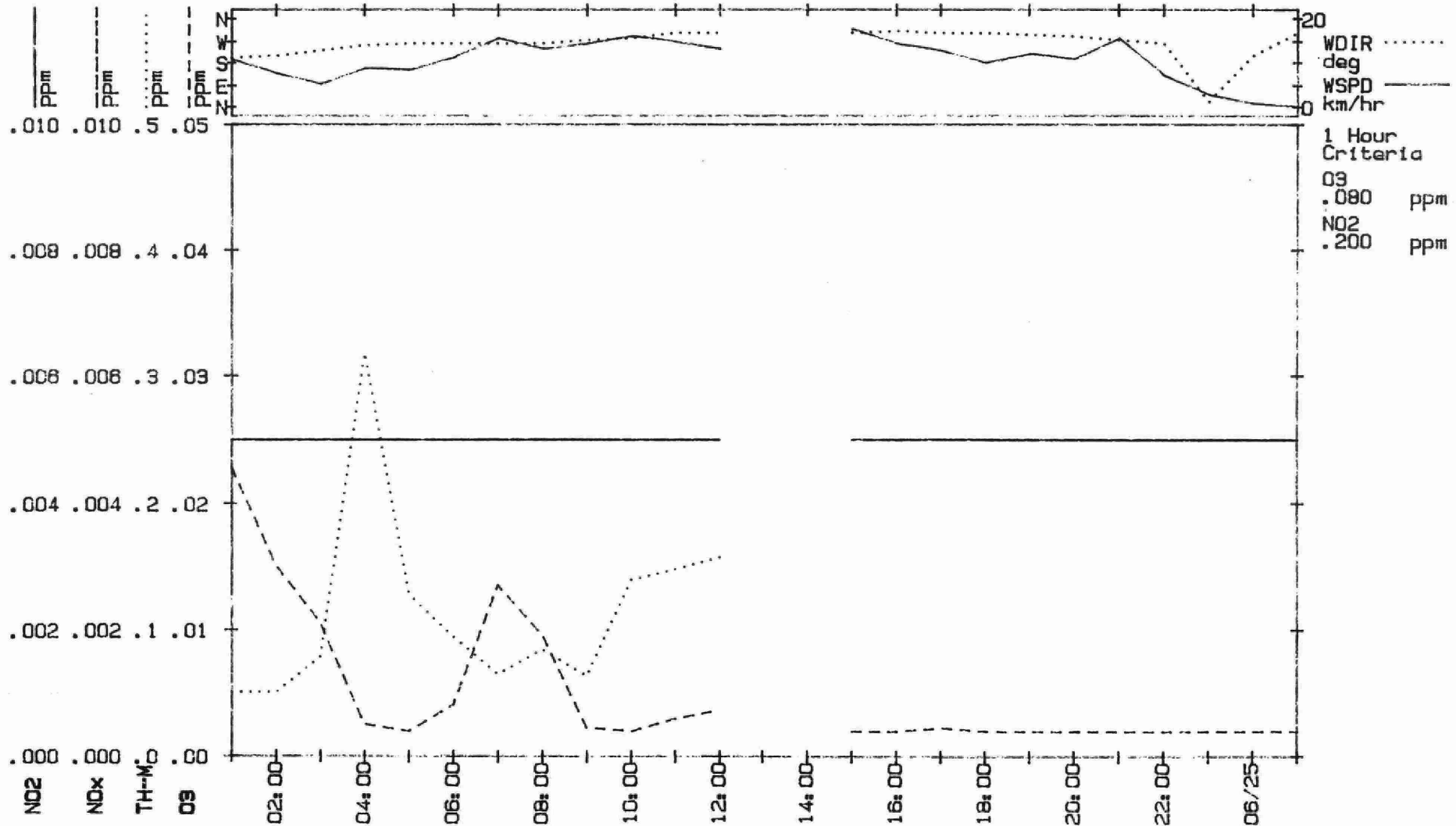
.000		.000		.000		.002		.038		.066		.076		.047		.037		.028		.009		.001		.000		.000		SRAD	W/cm^2
18		18		18		18		22		26		27		28		28		27		25		23		20		20		TEMP	d C
56		55		61		65		63		61		59		60		61		65		69		77		98		98		HUM	%-rel
1005		1005		1005		1005		1006		1003		1004		1003		1001		999		998		998		998		998		BAR	mbar-msl



SARNIA_84: 000A

Start: 84/06/24 00:00 Scan: 300 sec. Ave: 60.00 min.
Loc: Camlachie Coast Guard site all acquired data

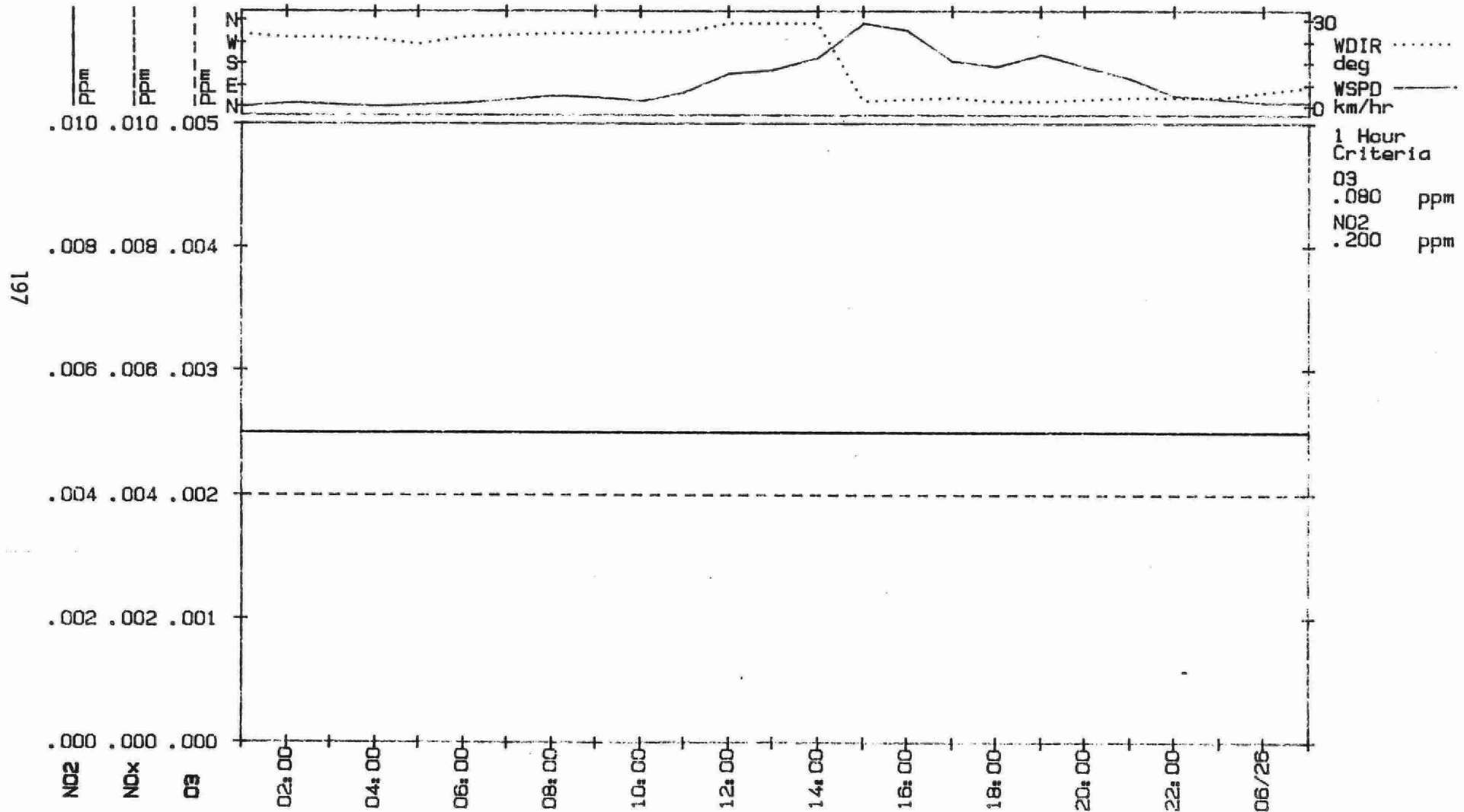
.000	.000	.000	.002	.015	.087	.082	--	.087	.086	.030	.001	.000	.000	SRAD	W/cm ²
19	20	19	19	20	25	26	--	28	25	24	21	17	15	TEMP	d C
97	97	95	92	88	66	81	--	46	44	43	47	60	89	HUM	%-rel
997	997	997	998	999	1000	1000	--	1000	1000	999	1000	1001	1003	BAR	mbar-msl



SARNIA_84: 000A

Start: 84/06/25 00:00 Scan: 300 sec. Ave: 60.00 min.
Loc: Camlachie Coast Guard site all acquired data

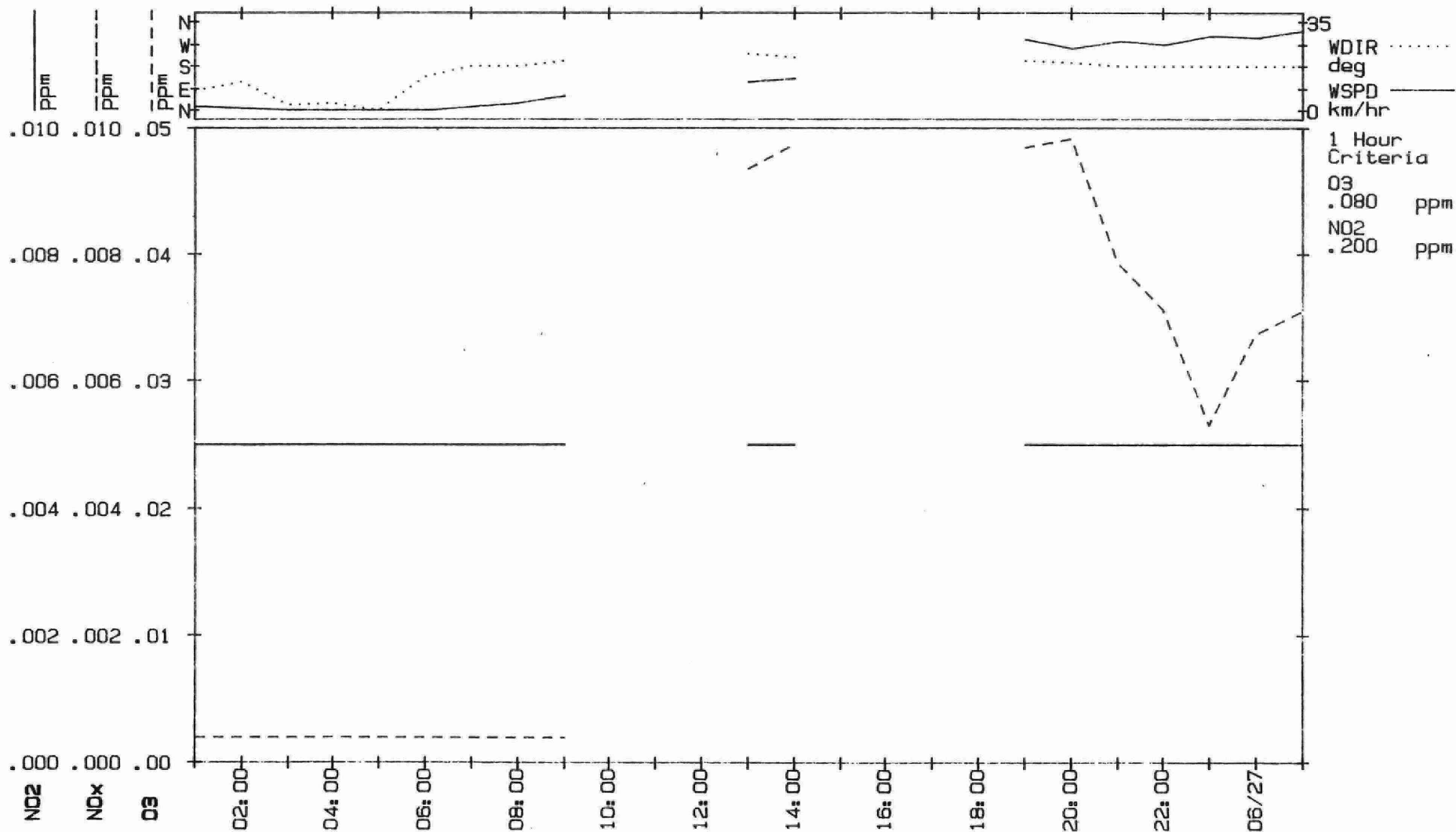
.000			.000 000			.005			.039 058			.088			.083 080			.065			.034 018			.000			.000			SRAD	W/cm^2
14			13 12			14			20 23			21			22 20			21			20 18			14			12			TEMP	d C
85			91 90			84			64 54			57			53 60			54			57 62			83			87			HUM	%-rel
1004			1004 005			1006			1007 1008			1008			1006 1008			1005			1005 1005			1005			1006			BAR	mbar-mel



SARNIA_84: 000A

Start: 84/06/26 00:00 Scan: 300 sec. Ave: 60.00 min.
Loc: Camlachie Coast Guard site all acquired data

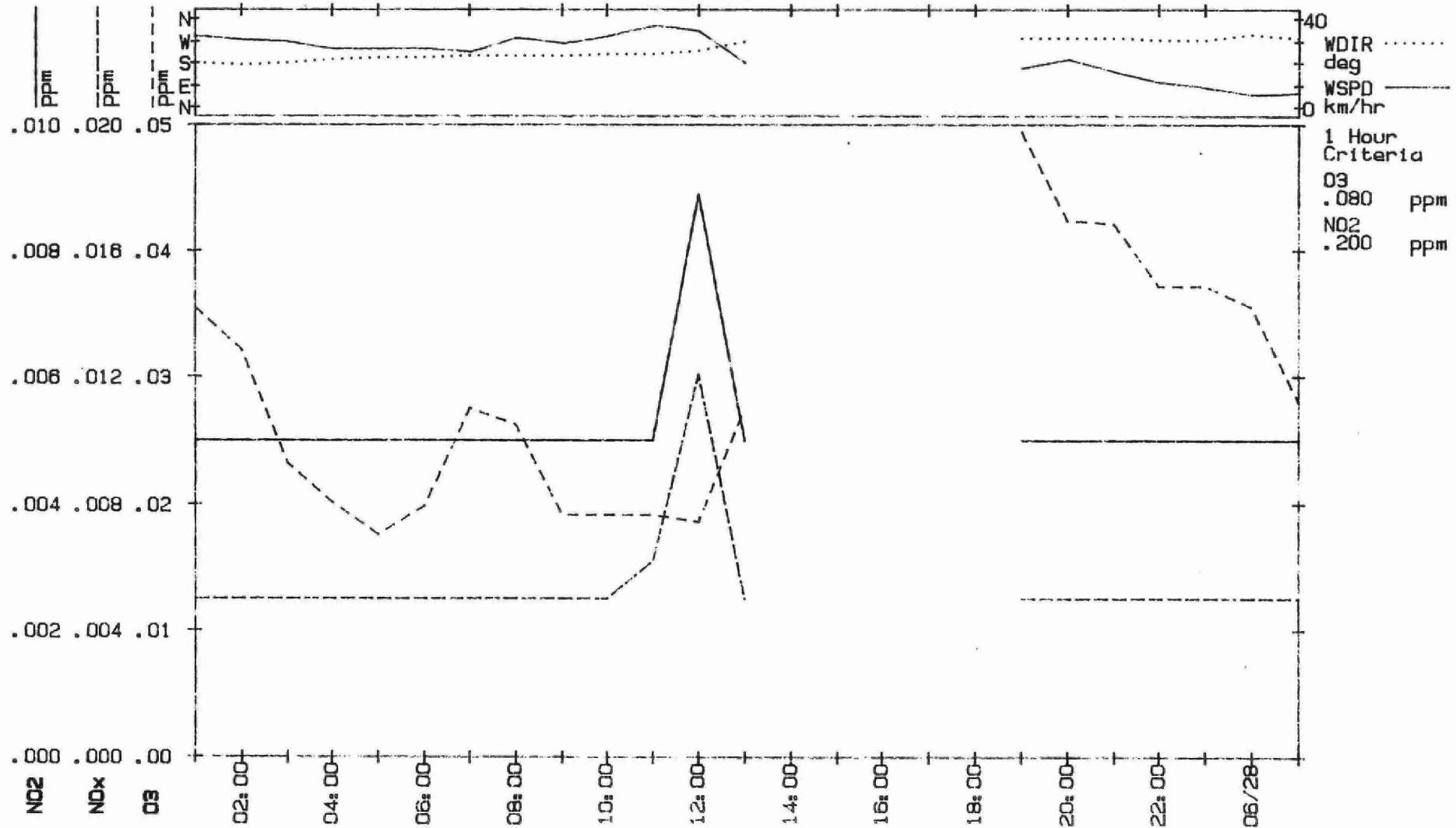
.000	.000	.000	.005	.040	--	--	.092	--	--	.020	.000	.000	SRAD	W/cm ²
11	9	9	11	18	--	--	26	--	--	24	20	19	TEMP	d C
91	96	95	88	68	--	--	43	--	--	41	49	50	HUM	%-rel
1007	1007	1007	1008	1008	--	--	1005	--	--	998	997	998	BAR	mbar-msl



SARNIA_84: 000A

Start: 84/06/27 00:00 Scan: 300 sec. Ave: 60.00 min.
Loc: Camlachie Coast Guard site all acquired data

.000	.000	.001	.005	.035	--	--	--	.007	.000	SRAD	W/cm^2
18	19	20	19	22	--	--	--	21	19	TEMP	d C
76	74	76	79	81	--	--	--	57	67	HUM	%-rel
998	995	995	994	994	--	--	--	998	1000	BAR	mbar-msl

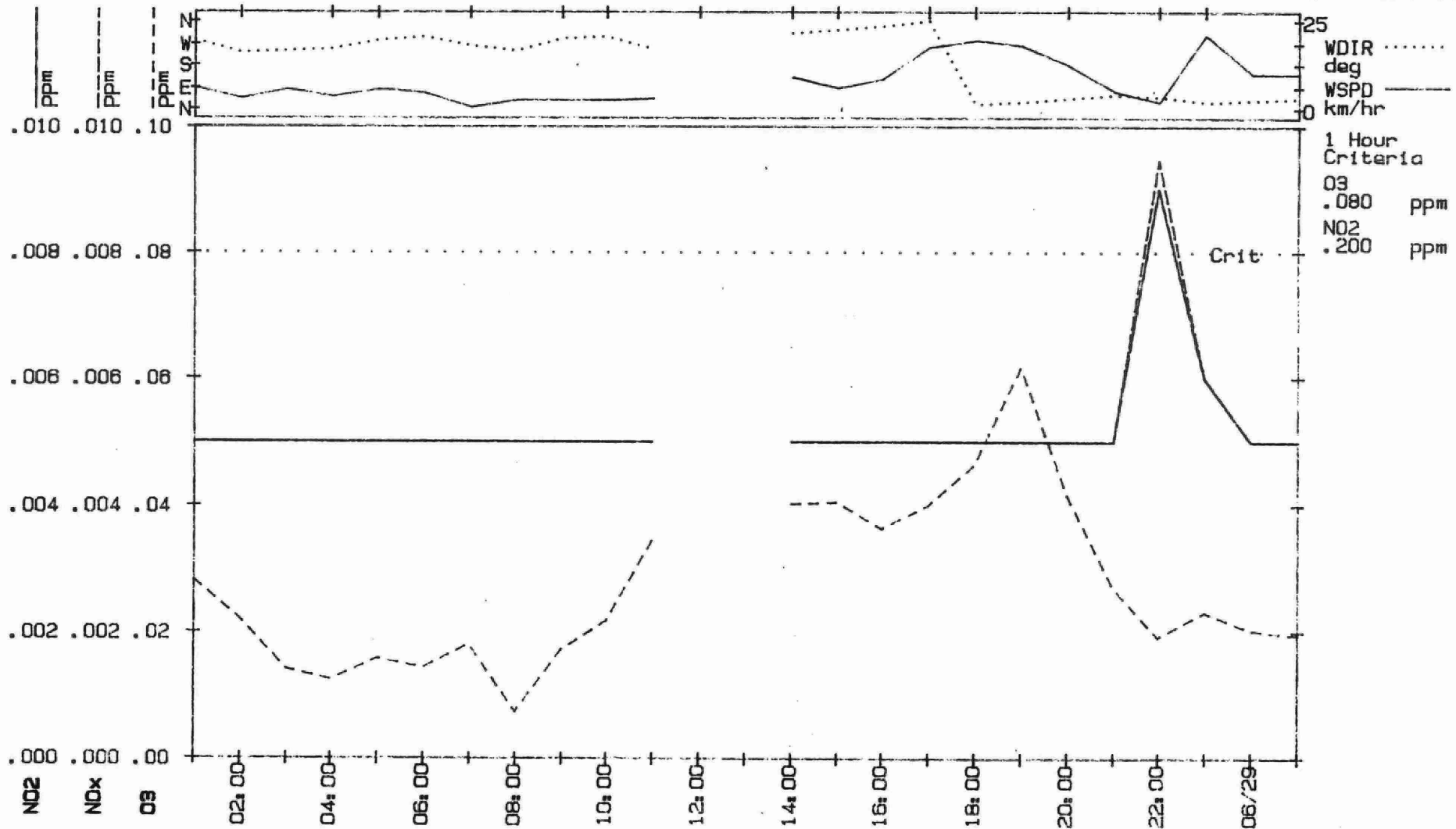


SARNIA_84: 000A

Start: 84/06/28 00:00 Scan: 300 sec. Ave: 60.00 min.
Loc: Camlachie Coast Guard site all acquired data

.000	.000	.000	.005	.038	.057	--	.092	.088	.071	.058	.015	.000	.000
16	15	15	15	22	24	--	28	28	25	25	23	19	17
83	89	88	87	63	52	--	42	41	46	48	52	85	78
1003	1005	1005	1007	1007	1007	--	1015	1015	1013	1012	1012	1014	1015

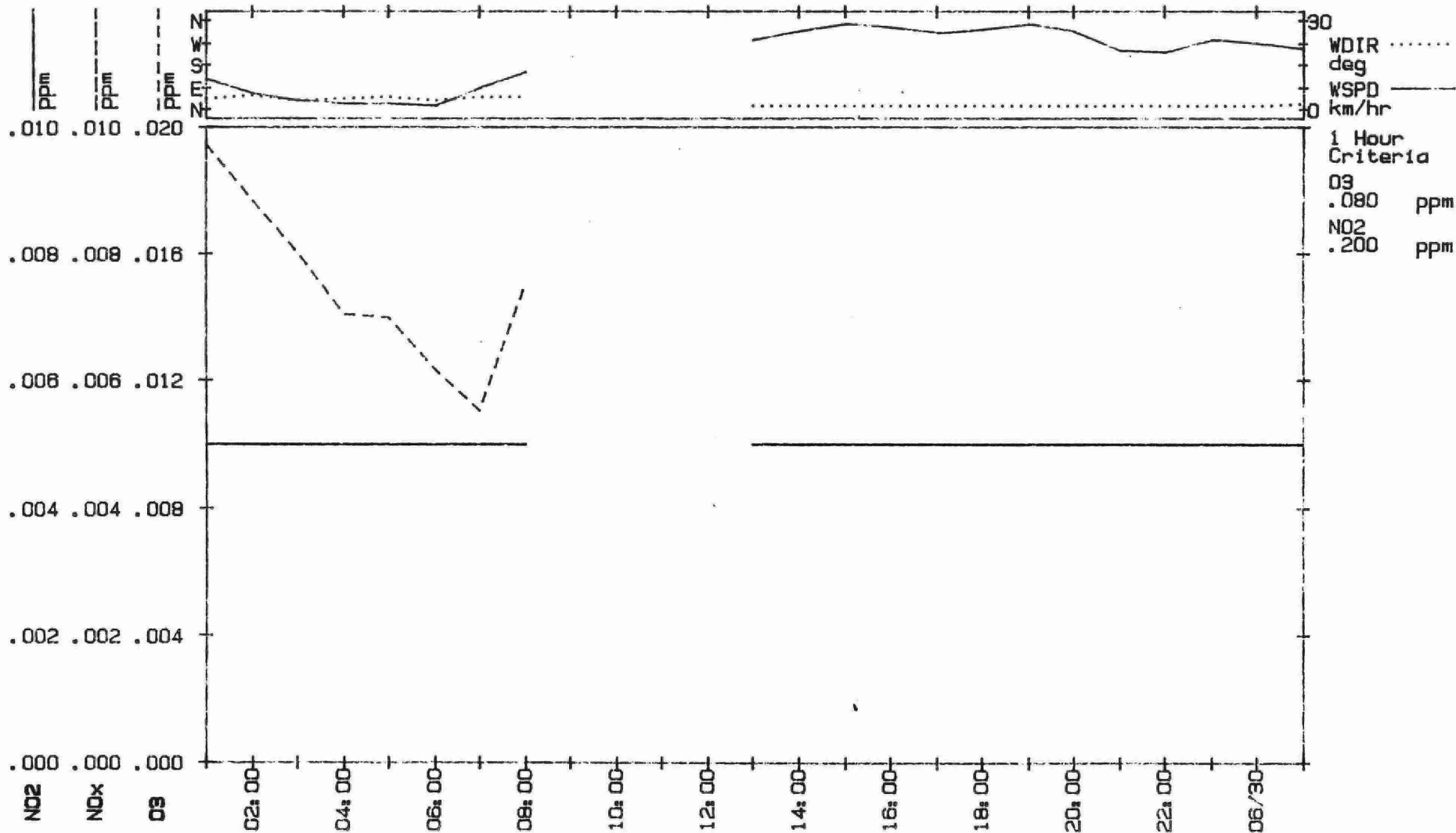
SRAD W/cm²
TEMP d C
HUM %rel
BAR mbar-mel



SARNIA_84: 000A

Start: 84/06/29 00:00 Scan: 300 sec. Ave: 60.00 min.
Loc: Camlachie Coast Guard site all acquired data

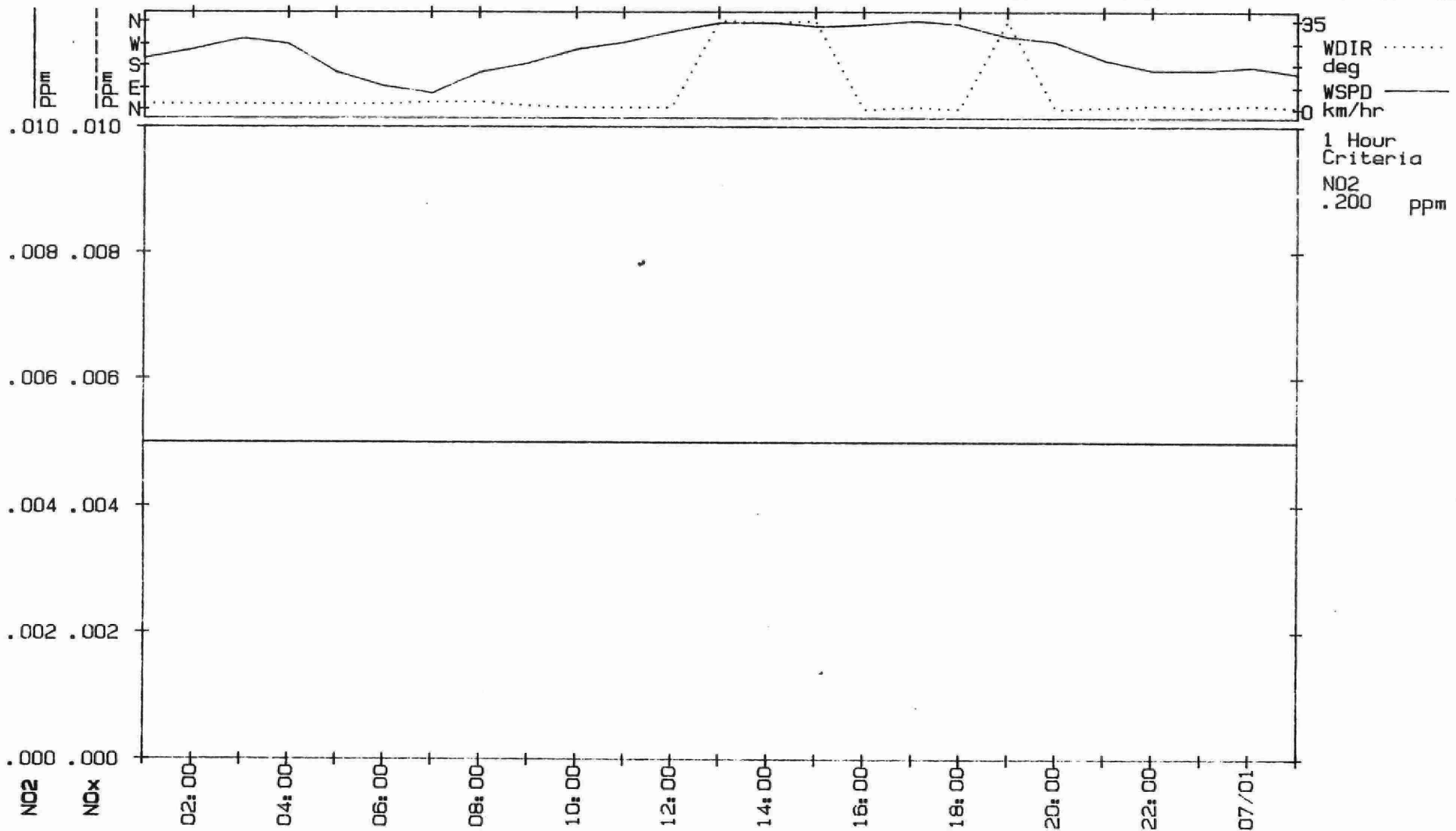
.000		.000		.000		.005		-- --		-- --		.062 .058		.036		.021 .010		.000		.000		SRAD	W/cm^2
15	83	13	12	14	87	14	87	18	18	17	16	15	14	14	80	77	76	76	77	80	TEMP	d C	
1017	1017	1017	1017	1018	1017	1018	1017	1021	1021	1021	1021	1021	1021	1021	1022	1021	1022	1021	1022	HUM	%-rel		



SARNIA_84: 000A

Start: 84/06/30 00:00 Scan: 300 sec. Ave: 60.00 min.
Loc: Camlachie Coast Guard site all acquired data

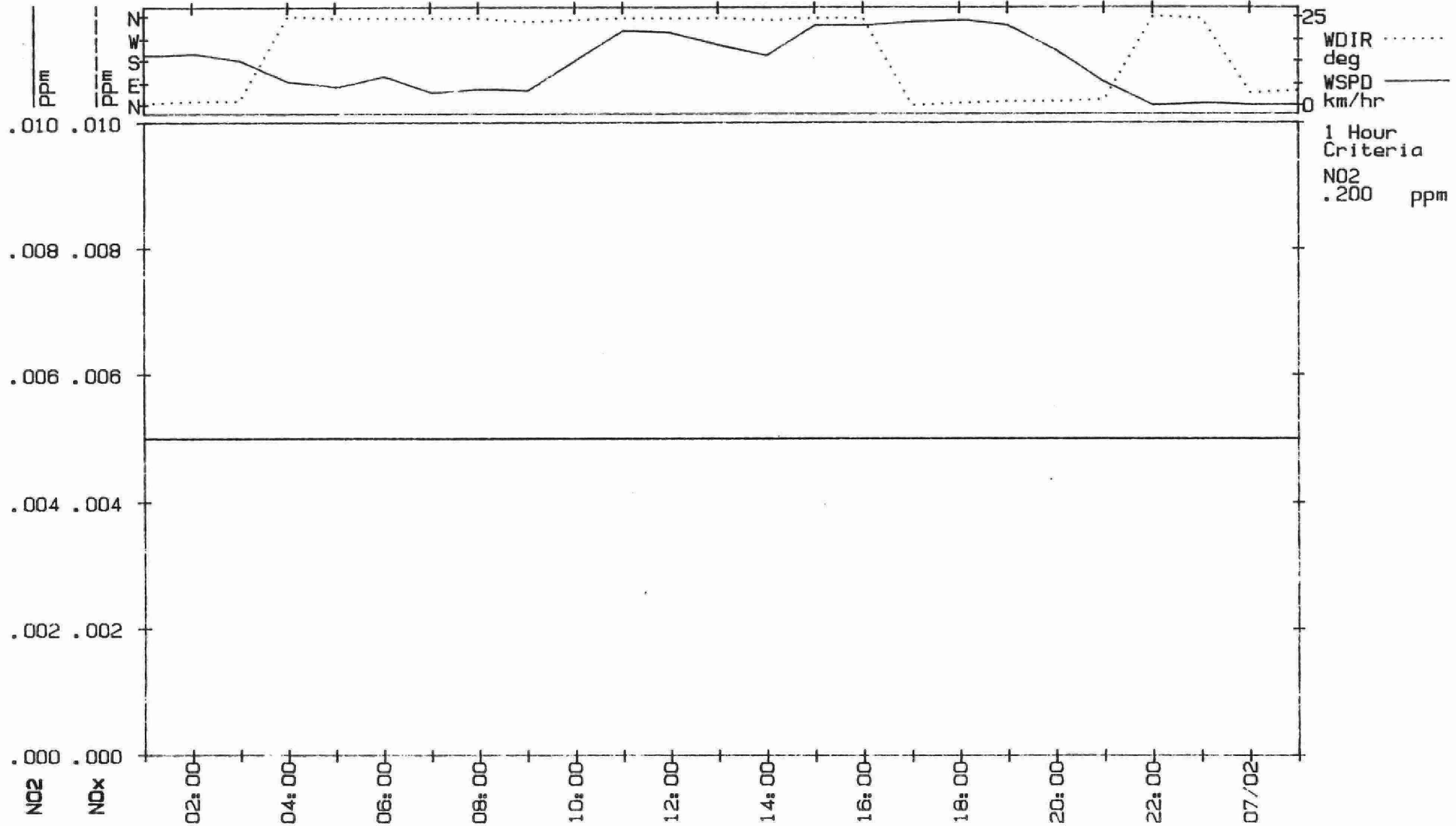
.000		.000,000		.005,015		.057,062		.056		.091,083		.053,035		.004,000		.000		SRAD	W/cm^2
15	84	15	14	14	16	18	18	17	19	19	19	19	17	16	16	18	18	TEMP	d C
1022	1021	1021	1021	1021	1021	1022	1022	1022	1021	1020	1020	1020	1019	1020	1020	1020	1020	HUM	%-rel
																		BAR	mbar-mel



SARNIA_84: 000A

Start: 84/07/01 00:00 Scan: 300 sec. Ave: 60.00 min.
 Loc: Camlachie Coast Guard site all acquired data

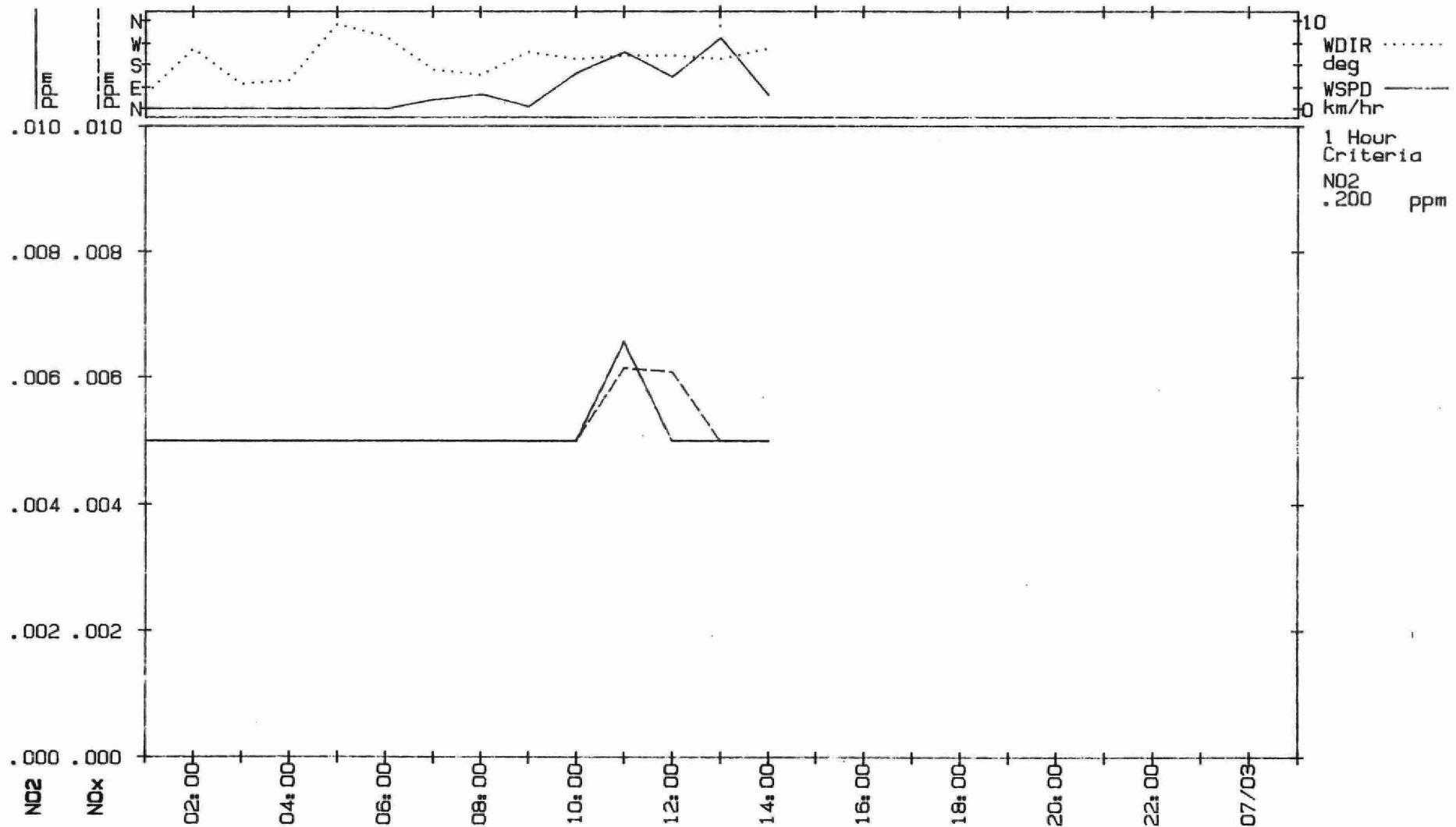
.000		.000.000		.006.020		.057.072		.084		.087.084		.055.033		.003.000		.000		SRAD	W/cm ²
15	15	15	16	19	21	21	21	22	23	22	21	22	21	18	17	15	15	TEMP	d C
91	91	92	87	78	73	73	72	67	64	65	65	81	87	81	87	99	99	HUM	%-rel
1020	1020	1020	1021	1021	1022	1022	1022	1021	1020	1020	1020	1020	1020	1020	1020	1021	1021	BAR	mbar-mel



SARNIA_84: 000A

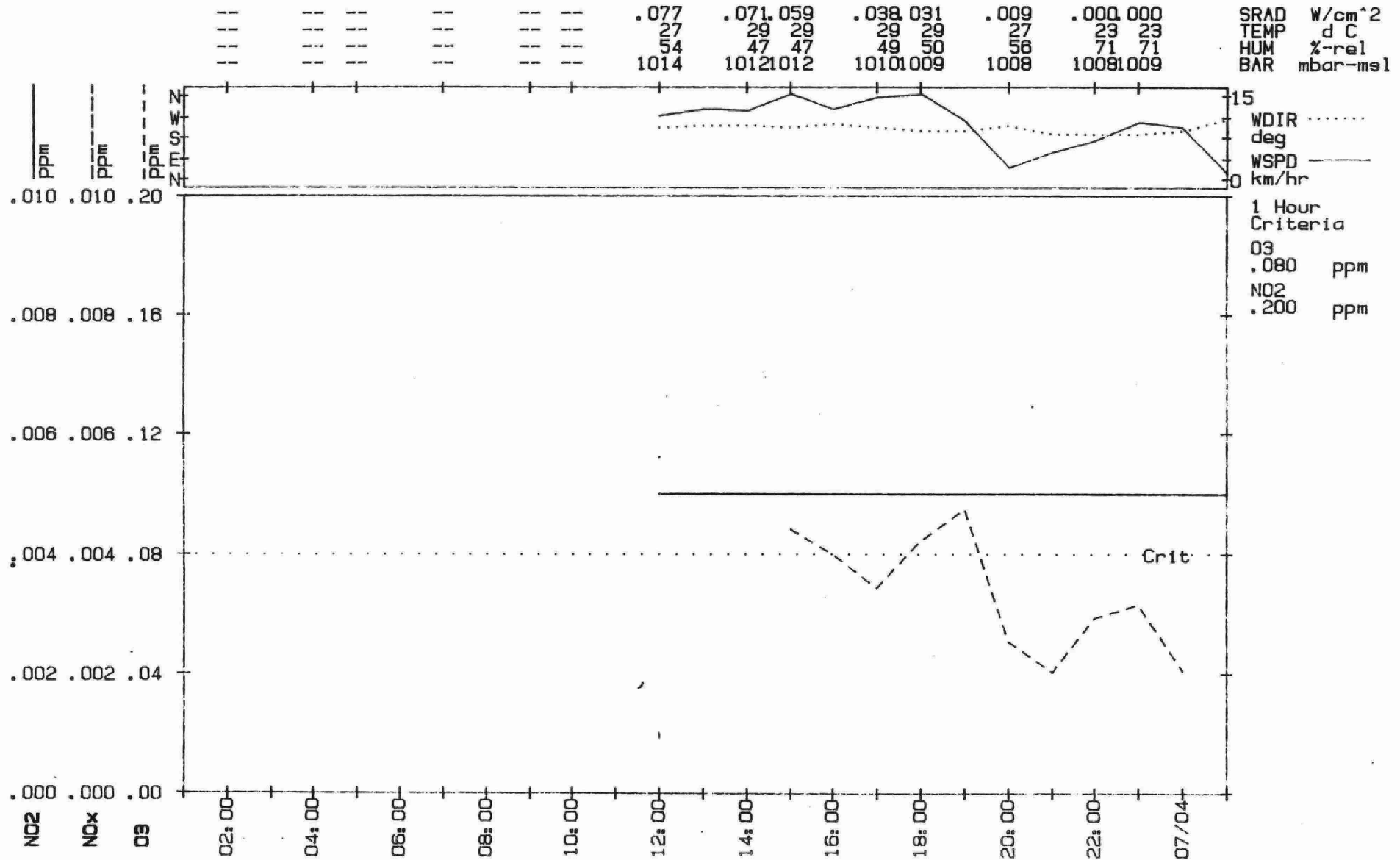
Start: 84/07/02 00:00 Scan: 300 sec. Ave: 80.00 min.
Loc: Camlachie Coast Guard site all acquired data

.000	.000,000	.002,017	.057,070	.088	-- --	-- --	-- --	-- --	SRAD	W/cm^2
16	15 14	14 19	26 26	29	-- --	-- --	-- --	-- --	TEMP	d C
94	95 95	93 80	55 52	43	-- --	-- --	-- --	-- --	HUM	%-rel
1022	10221022	10221022	10221021	1018	-- --	-- --	-- --	-- --	BAR	mbar-mel



SARNIA_84: 000A

Start: 84/07/03 00:00 Scan: 300 sec. Ave: 60.00 min.
Loc: Camlachie Coast Guard site all acquired data

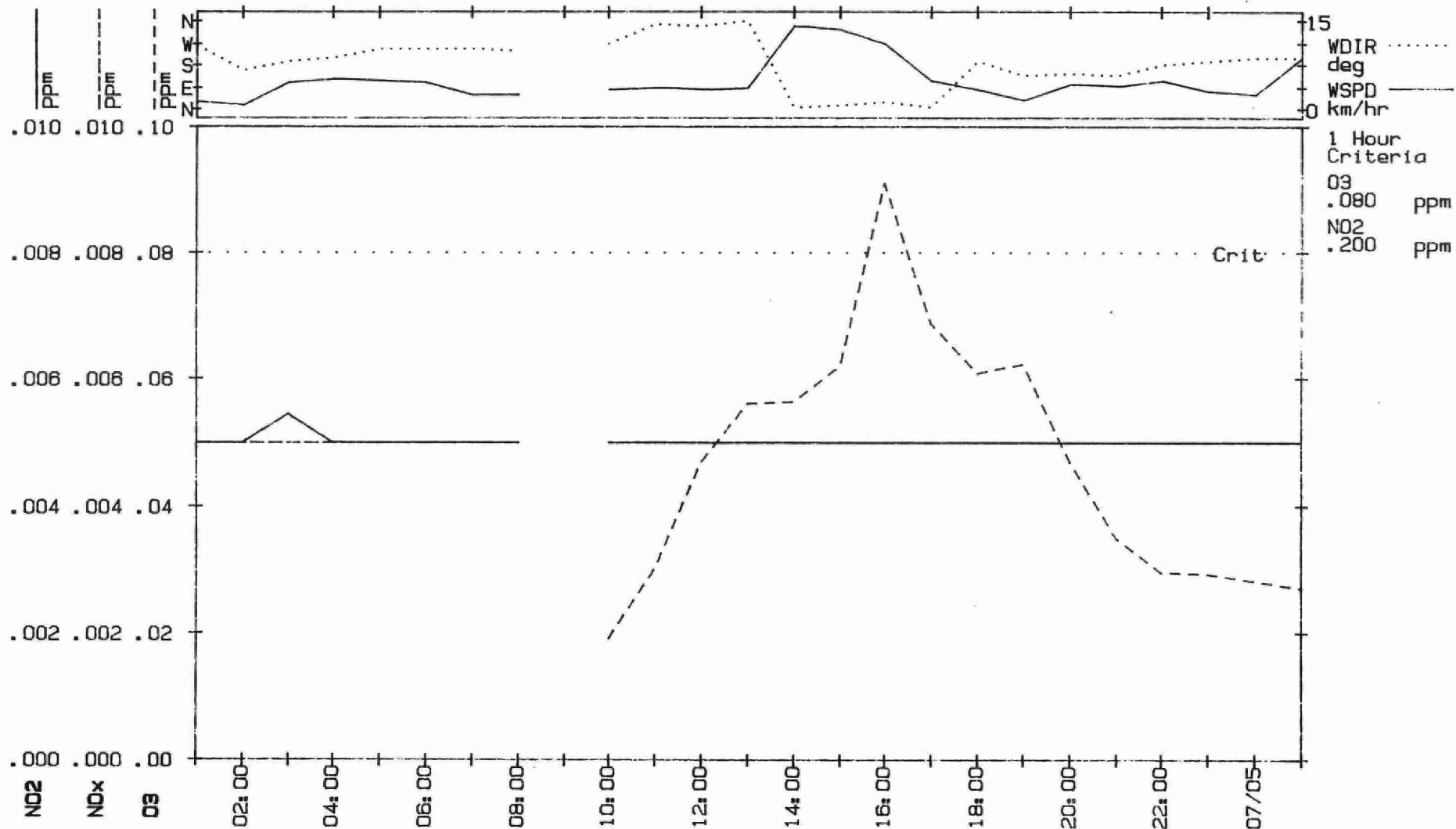


SARNIA_84: 000A

Start: 84/07/04 00:00 Scan: 300 sec. Ave: 60.00 min.
Loc: Camlachie Coast Guard site all acquired data

.000	.000	.000	.003	--	.047	.073	.081	.036	.008	.021	.002	.000	.000
20	21	21	20	--	25	28	28	26	23	23	22	20	20
89	84	83	85	--	68	57	59	64	79	86	86	89	91
1011	1012	1012	1013	--	1014	1013	1012	1011	1009	1008	1008	1009	1009

SRAD	W/cm^2
TEMP	d C
HUM	%-rel
BAR	mbar-mel

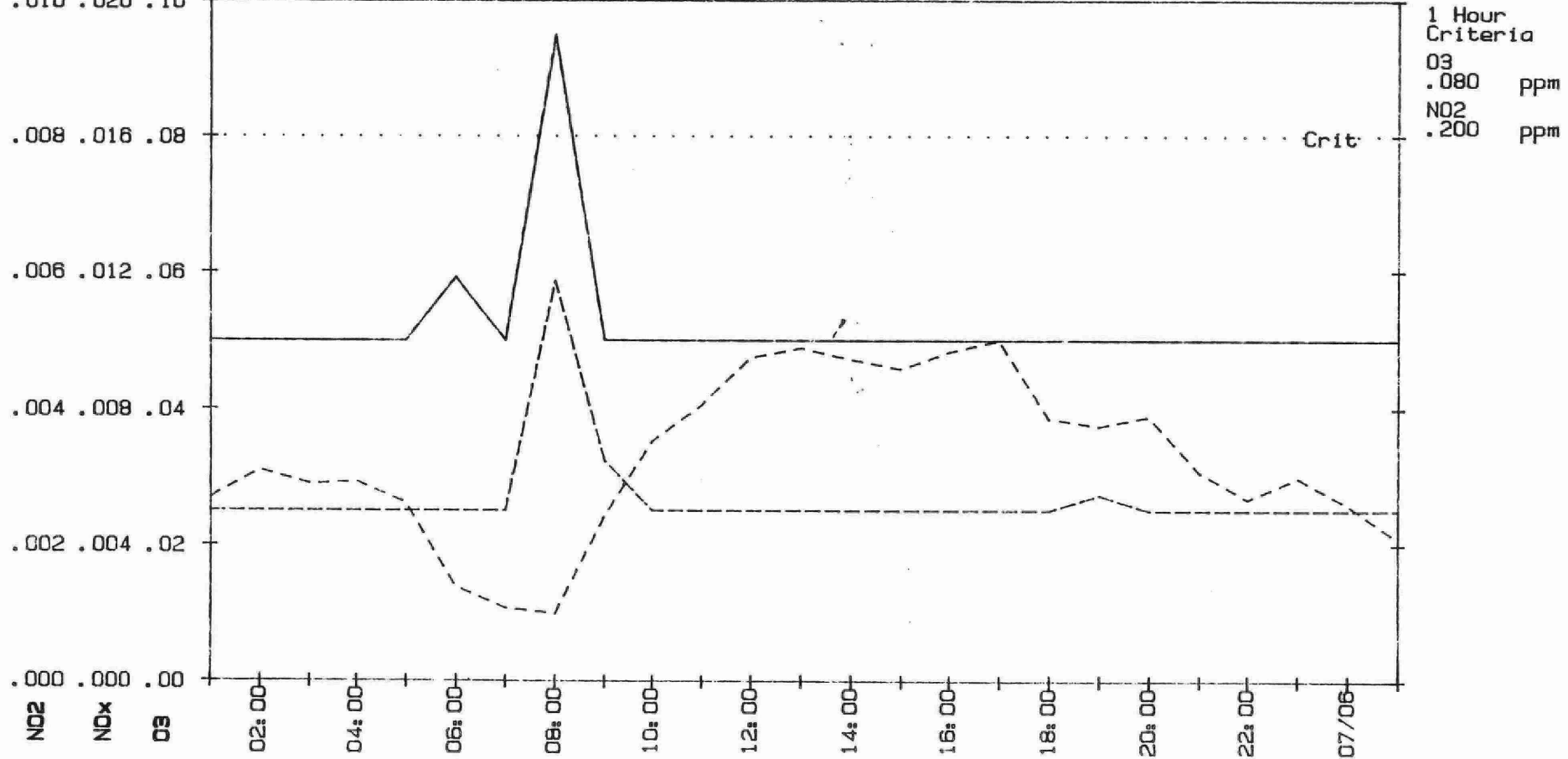
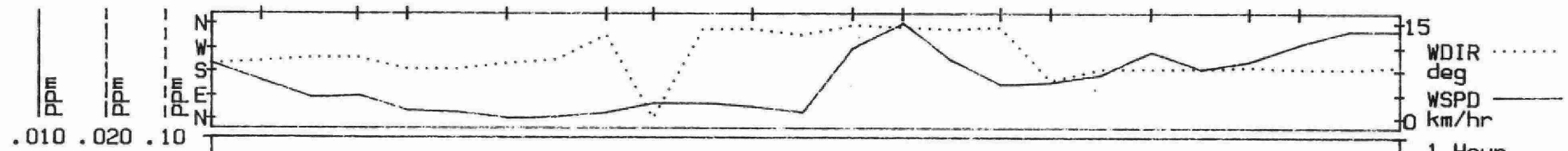


SARNIA_84: 000A

Start: 84/07/05 00:00 Scan: 300 sec. Ave: 60.00 min.
Loc: Camlachie Coast Guard site all acquired data

.000			.000			.003			.031			.033			.057			.052			.010			.024			.012			.014			.000			.000		
18	18	17	17	17	17	23	23	23	25	25	25	24	38	24	38	28	27	28	26	26	26	22	20	22	20	22	20	22	20	22	20	22	20					
92	94	95	95	95	95	77	71	77	68	68	68	72	67	72	67	58	61	58	56	56	56	71	74	71	74	71	74	71	74	71	74	71	74					
1010	1011	1011	1012	1012	1012	1013	1013	1013	1013	1013	1013	1012	1011	1012	1011	1010	1010	1010	1011	1011	1011	1011	1011	1011	1011	1011	1011	1011	1011	1011	1011	1011	1011					

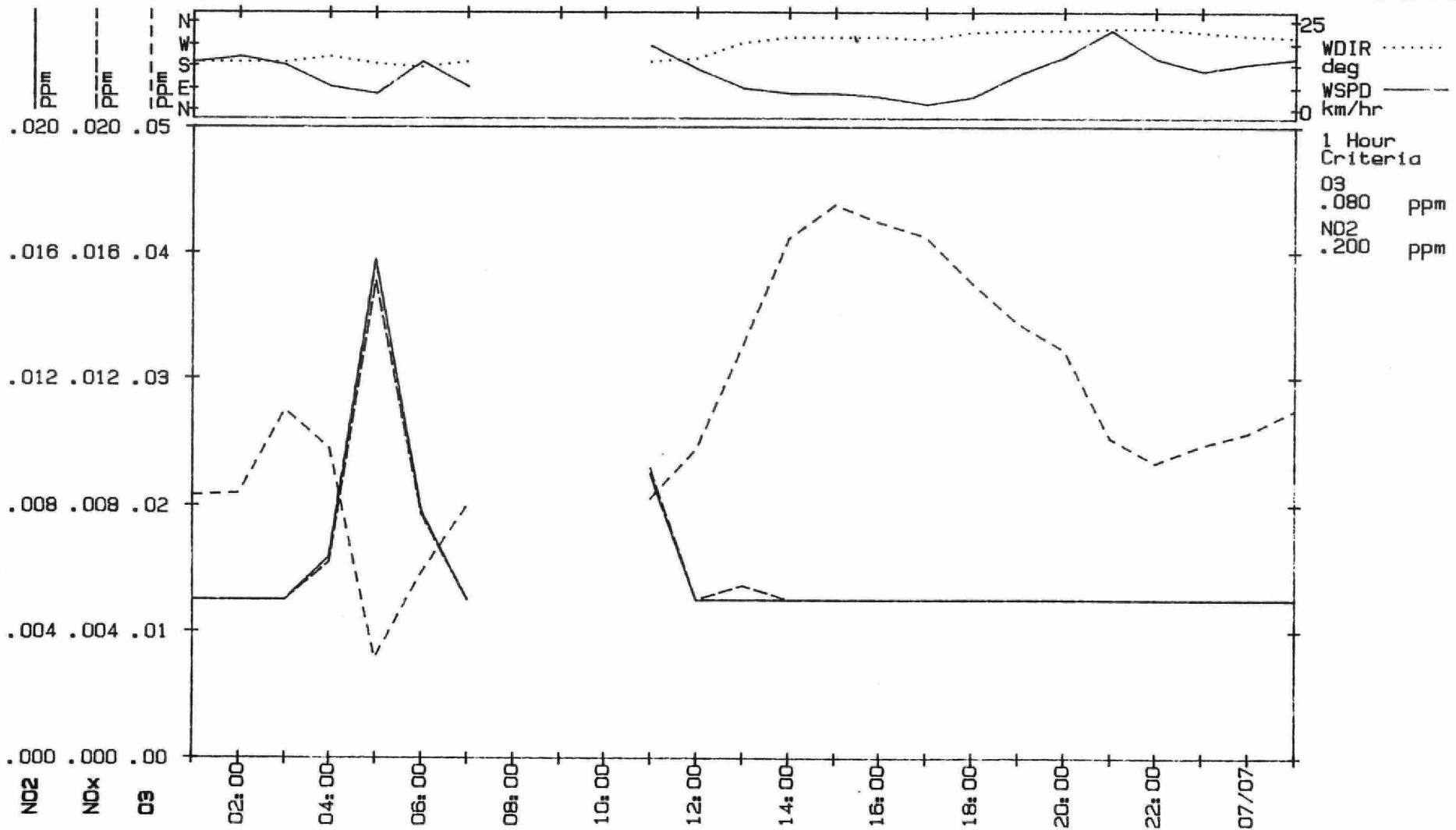
SRAD W/cm^2
TEMP d C
HUM %rel
BAR mbar-msl



SARNIA_84: 000A

Start: 84/07/06 00:00 Scan: 300 sec. Ave: 60.00 min.
Loc: Camlachie Coast Guard site all acquired data

.000			.000			.000			.023			.047.032			.043.034			.017			.000.000			SRAD	W/cm^2
20			20 20			21			21			25 25			24 26			23			17 16			TEMP	d C
78			81 82			83			79			63 61			70 57			54			61 63			HUM	%-rel
1012			10111011			1011			1011			10111010			10091009			1010			10121013			BAR	mbar-mel

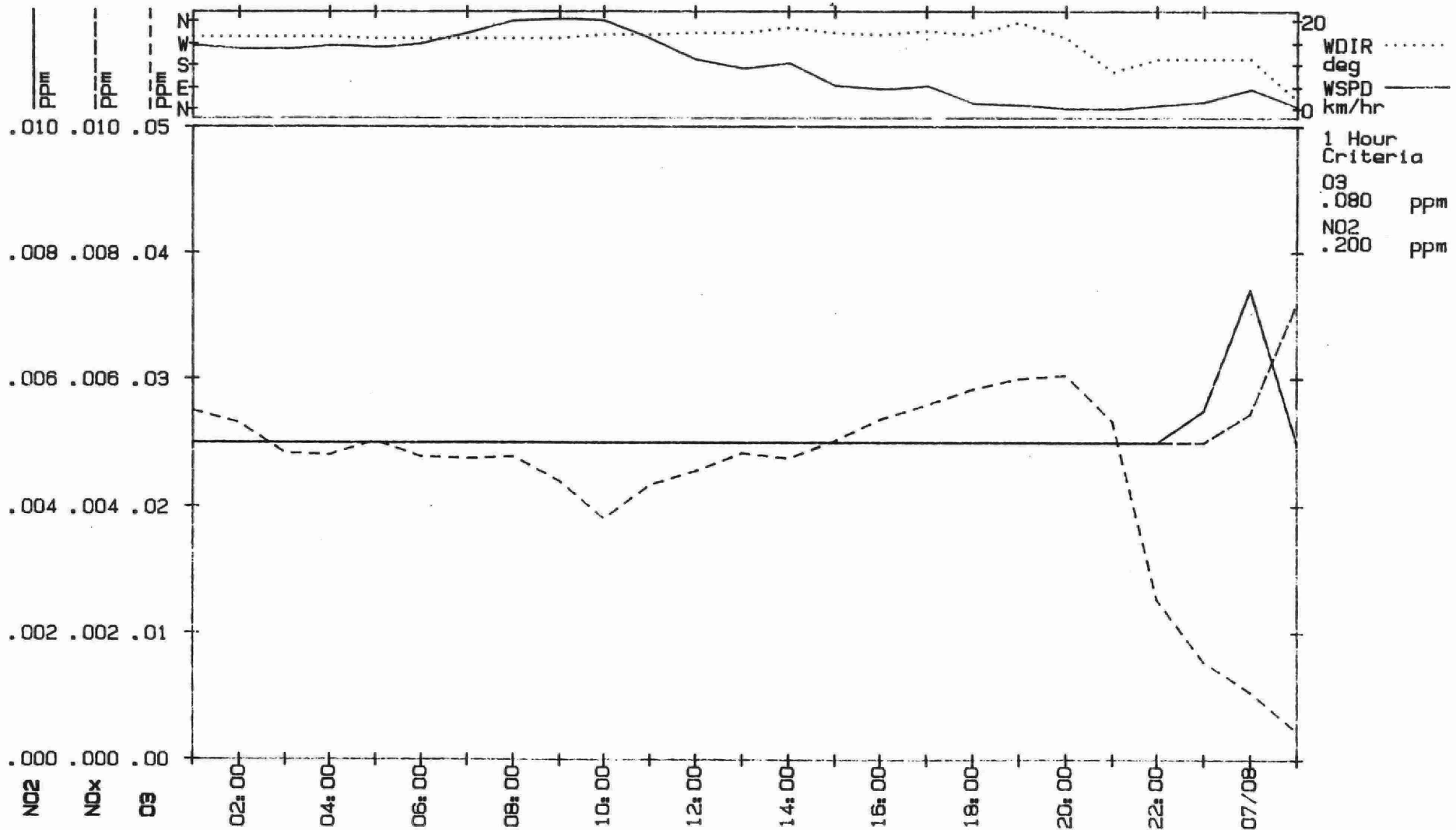


SARNIA_84: 000A

Start: 84/07/07 00:00 Scan: 300 sec. Ave: 60.00 min.
Loc: Camlachie Coast Guard site all acquired data

.000			.000			.003			.035 046			.053			.029 033			.068 032			.013			.000 000		
14	13	12	12	16	16	18	17	19	23	22	21	14	13													
63	66	68	68	62	61	58	58	55	45	46	49	82	85													
1015	1016	1017	1019	1020	1020	1021	1021	1022	1022	1022	1021	1022	1022													

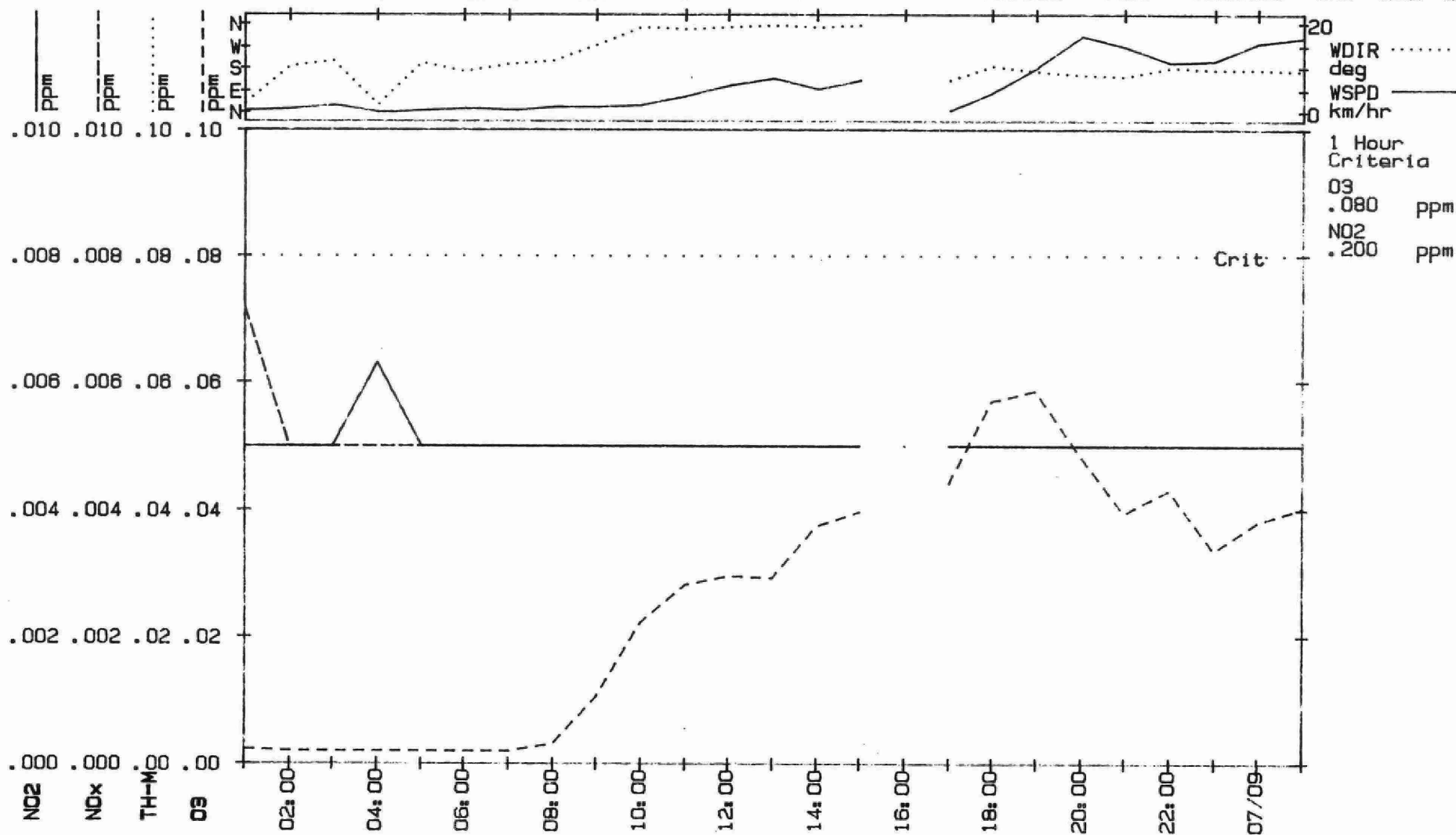
SRAD	W/cm^2
TEMP	d C
HUM	%-rel
BAR	mbar-mel



SARNIA_84: 000A

Start: 84/07/08 00:00 Scan: 300 sec. Ave: 60.00 min.
Loc: Camlachie Coast Guard site all acquired data

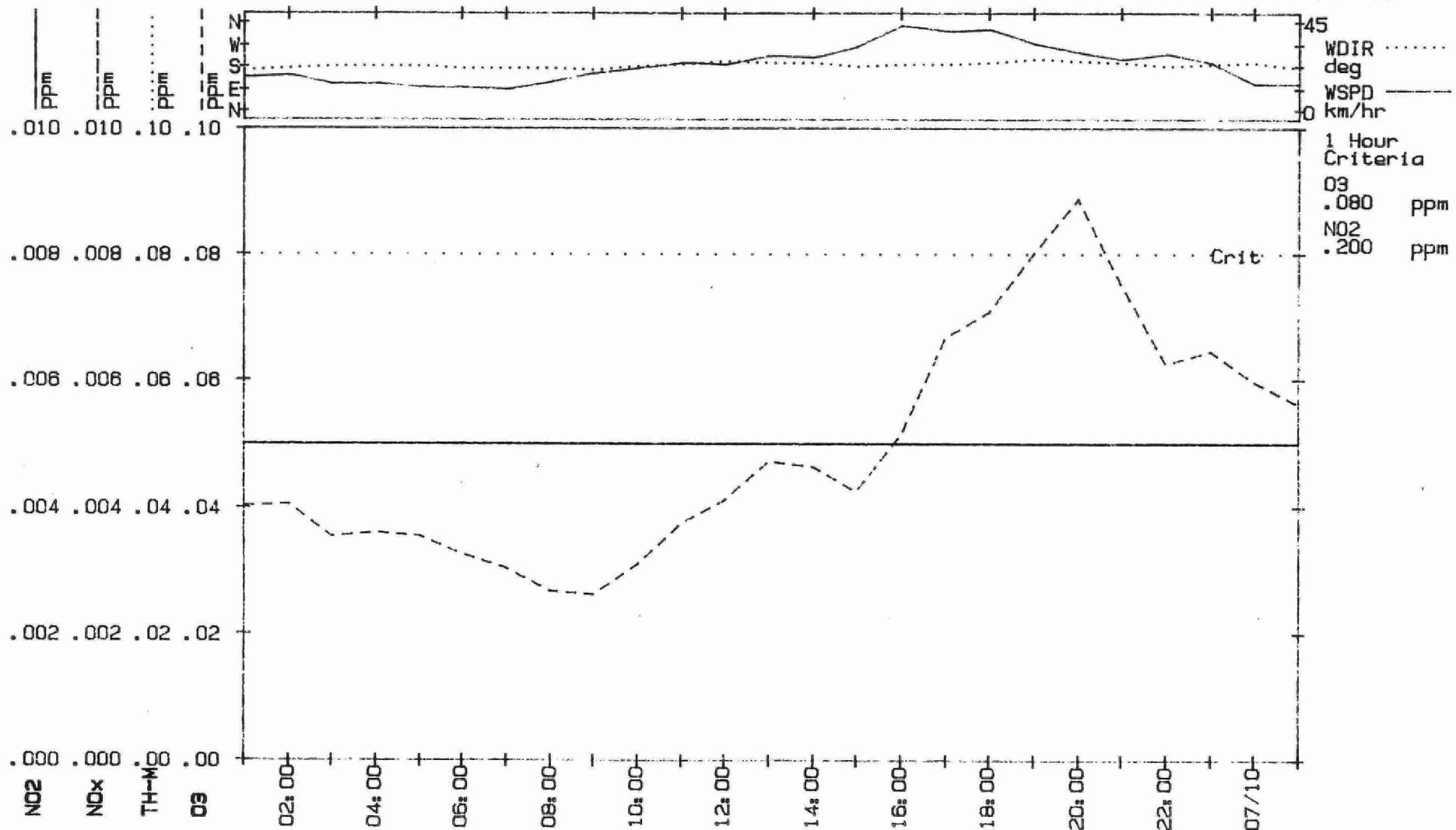
.000	.000	.000	.004	.040	.073	.085	.095	--	.073	.059	.017	.000	.000	SRAD	W/cm ²
11	10	8	10	19	22	23	24	--	27	27	23	18	18	TEMP	d C
90	90	93	87	69	49	43	40	--	39	40	48	66	65	HUM	%-rel
1024	1024	1025	1026	1027	1027	1027	1026	--	1023	1022	1021	1021	1021	BAR	mbar-msl



SARNIA_84: 000A

Start: 84/07/09 00:00 Scan: 300 sec. Ave: 60.00 min.
Loc: Camlachie Coast Guard site all acquired data

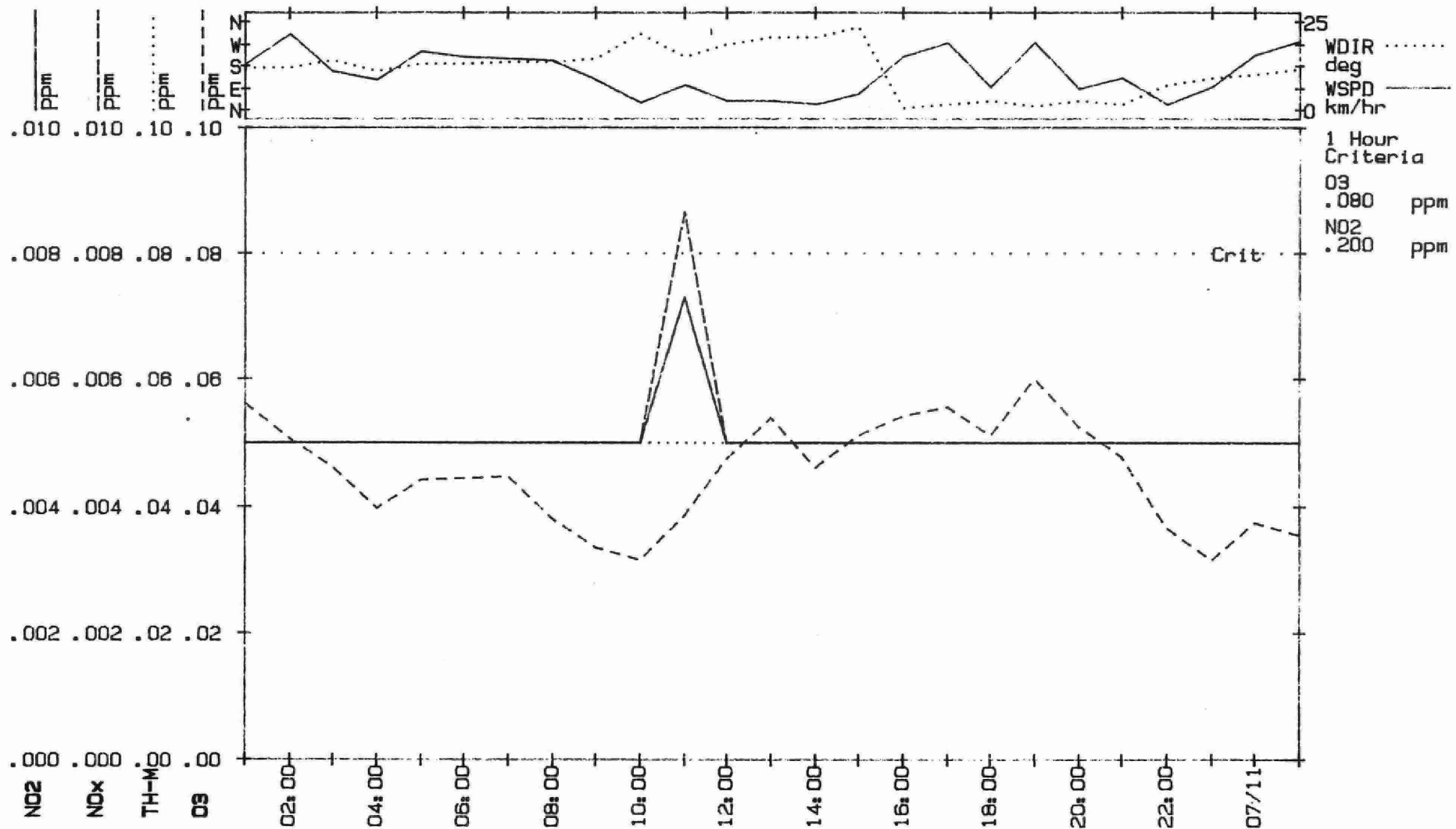
.000		.000		.000 000		.009		.038 027		.018		.086		.070 043		.006		.000 000		SRAD	W/cm^2										
17	16	17	17	18	23	22	22	25	25	23	21	20	20	TEMP	d C	70	71	73	76	75	65	65	63	58	58	63	74	79	81	HUM	%-rel
1021	1021	1022	1022	1022	1022	1021	1020	1018	1016	1016	1015	1014	1015	BAR	mbar-mel																



SARNIA_84: 000A

Start: 84/07/10 00:00 Scan: 300 sec. Ave: 60.00 min.
Loc: Camlachie Coast Guard site all acquired data

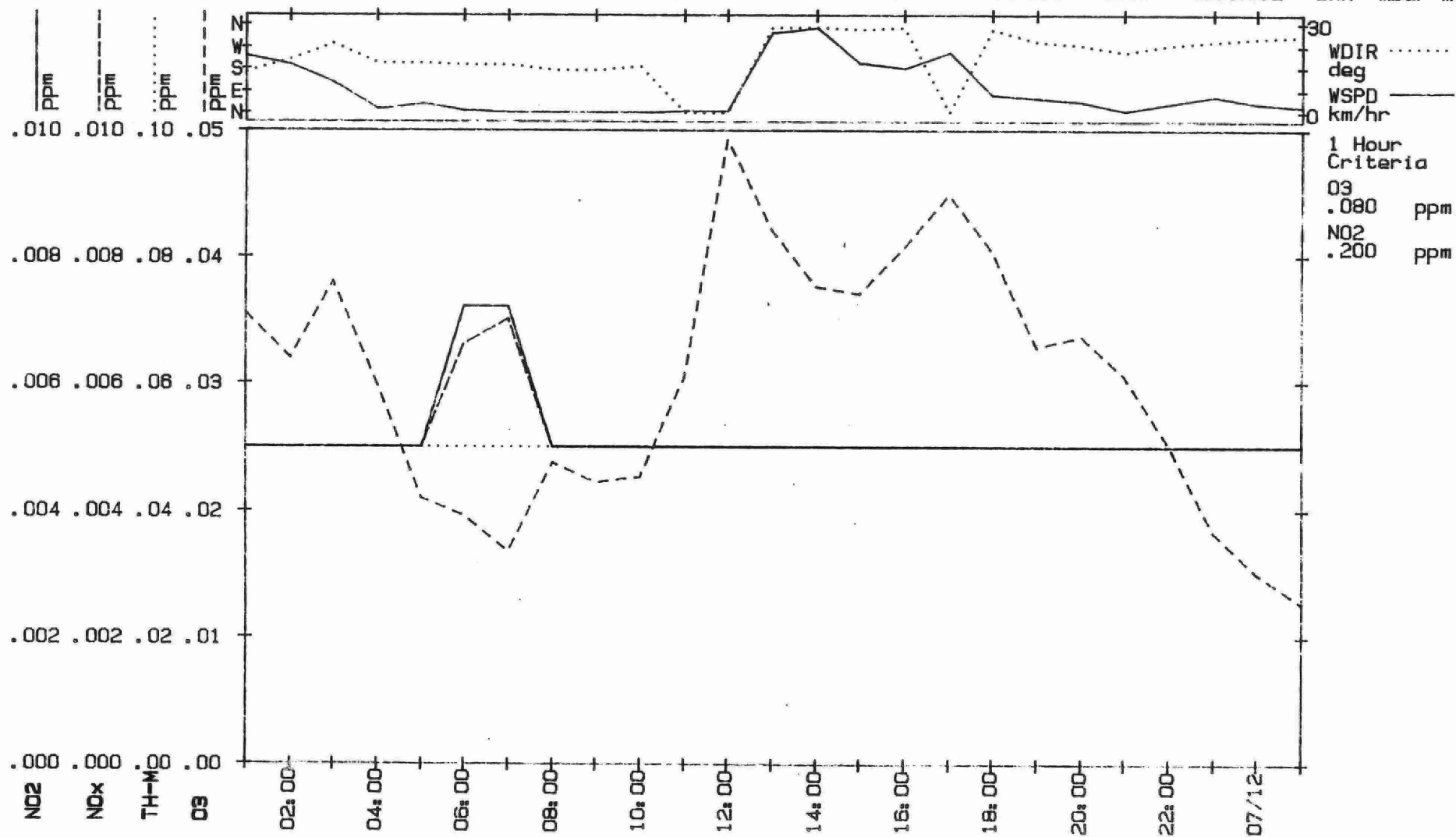
.000		.000		.000 000		.009		.024 049		.024		.072		.020 007		.002		.000 000		SRAD	W/cm^2
19	19	20	20	21	24	28	30	29	28	23	21	21	22	21	22	21	22	TEMP	d C		
88	99	95	95	91	86	76	88	69	76	85	92	94	92	94	92	94	92	HUM	%-rel		
1015	1014	1013	1013	1015	1014	1014	1013	1011	1008	1008	1008	1009	1008	1009	1008	1009	1008	BAR	mbar-mel		



SARNIA_84: 000A

Start: 84/07/11 00:00 Scan: 300 sec. Ave: 60.00 min.
Loc: Camlachie Coast Guard site all acquired data

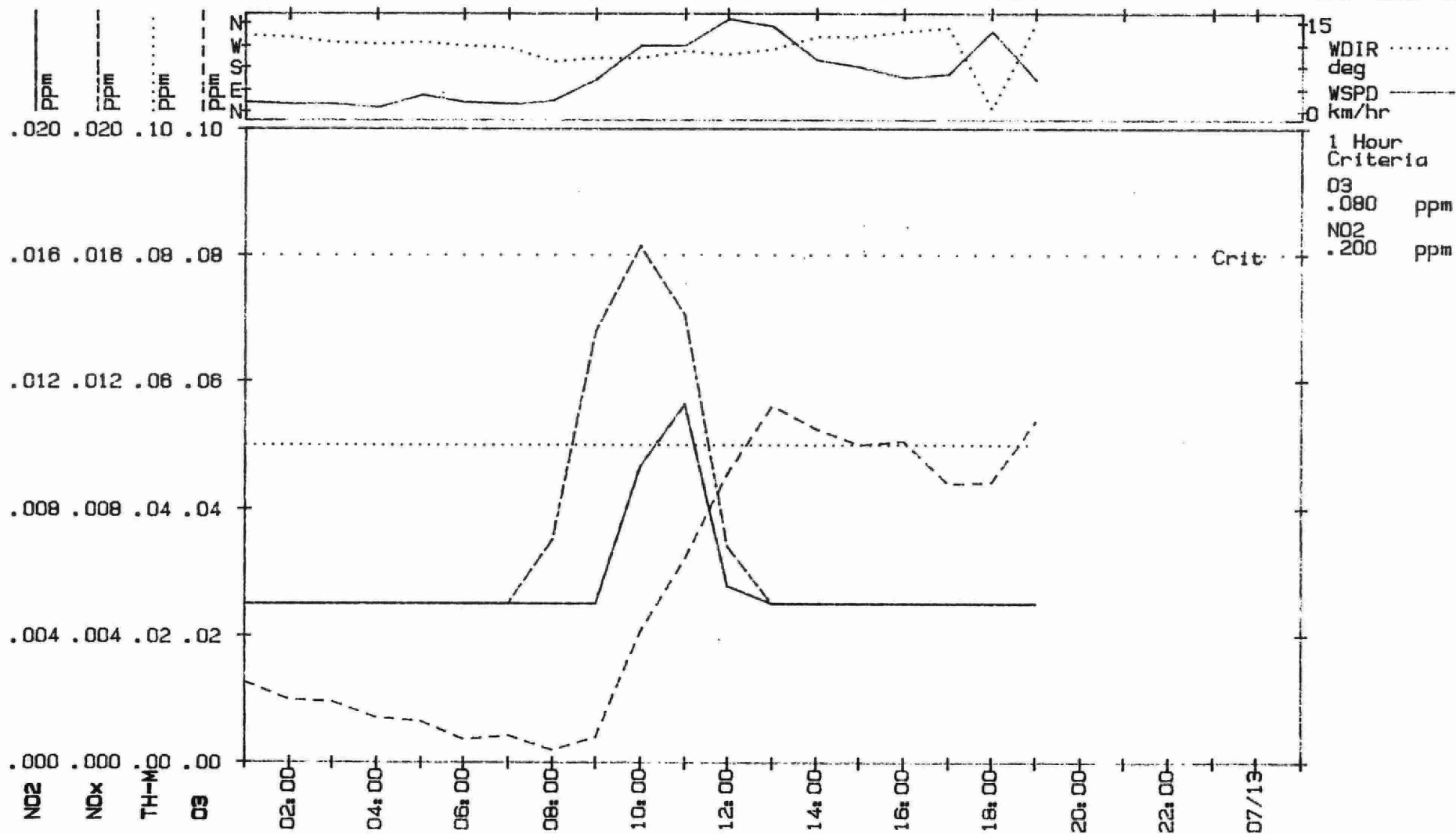
.000	.000	.000	.000	.006	.007	.006	.042	.054	.032	.002	.000	.000	SRAD	W/cm^2
24	20	21	21	22	21	18	19	24	27	23	21	20	TEMP	d C
84	93	91	91	93	94	97	97	75	67	82	77	80	HUM	%-rel
1008	1007	1008	1006	1008	1008	1008	1010	1010	1010	1010	1011	1012	BAR	mbar-msl



SARNIA_84:000A

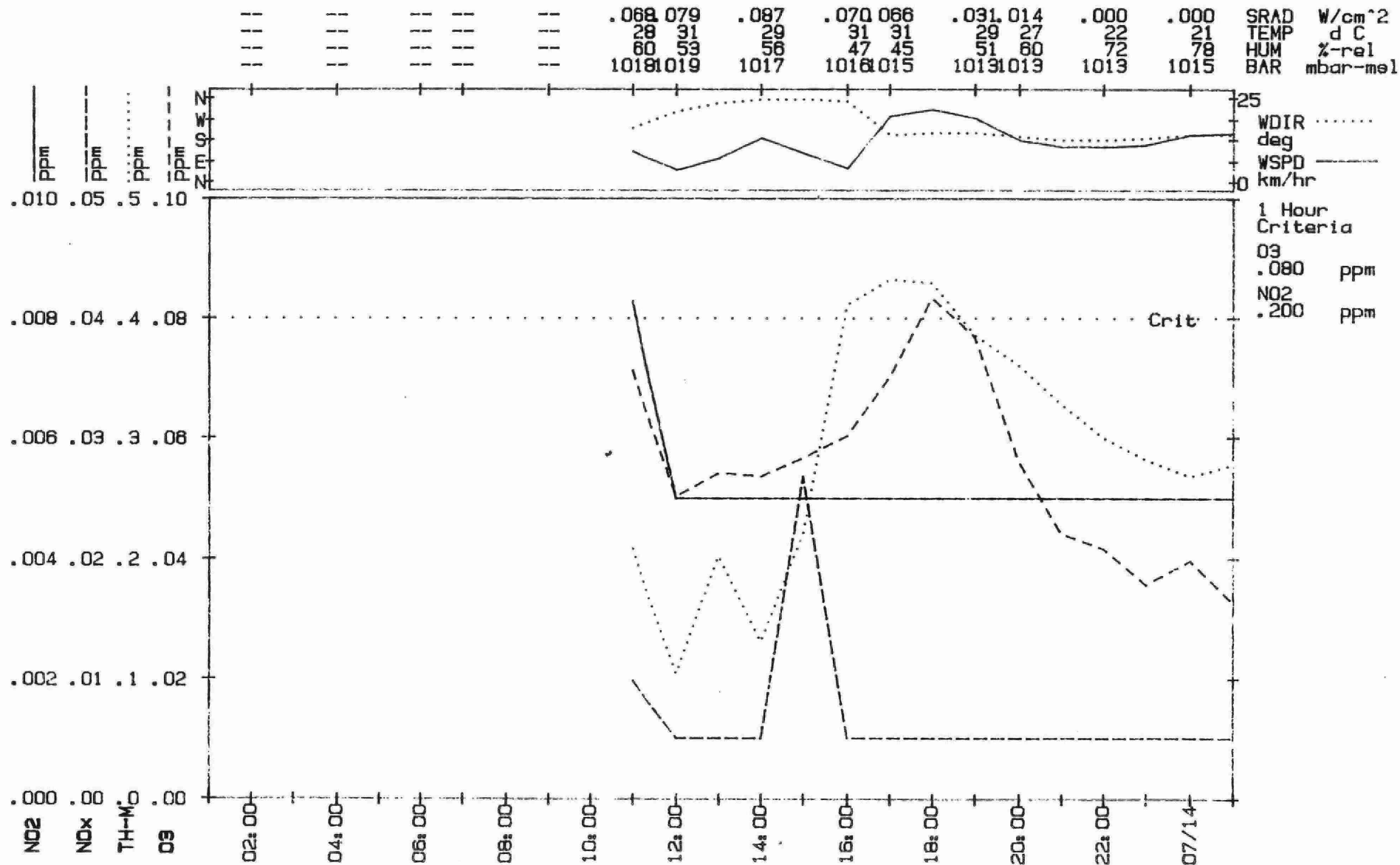
Start: 84/07/12 00:00 Scan: 300 sec. Ave: 60.00 min.
Loc: Camlachie Coast Guard site all acquired data

.000	.000	.000	.003	.036	.069	.076	.089	.080	.021	.011	---	---	---	SRAD	W/cm^2
18	16	16	17	21	26	27	32	32	26	23	---	---	---	TEMP	d C
87	92	90	86	77	63	60	50	49	62	77	---	---	---	HUM	%-rel
1012	1013	1013	1014	1015	1015	1014	1013	1012	1011	1011	---	---	---	BAR	mbar-msl



SARNIA_84: 000A

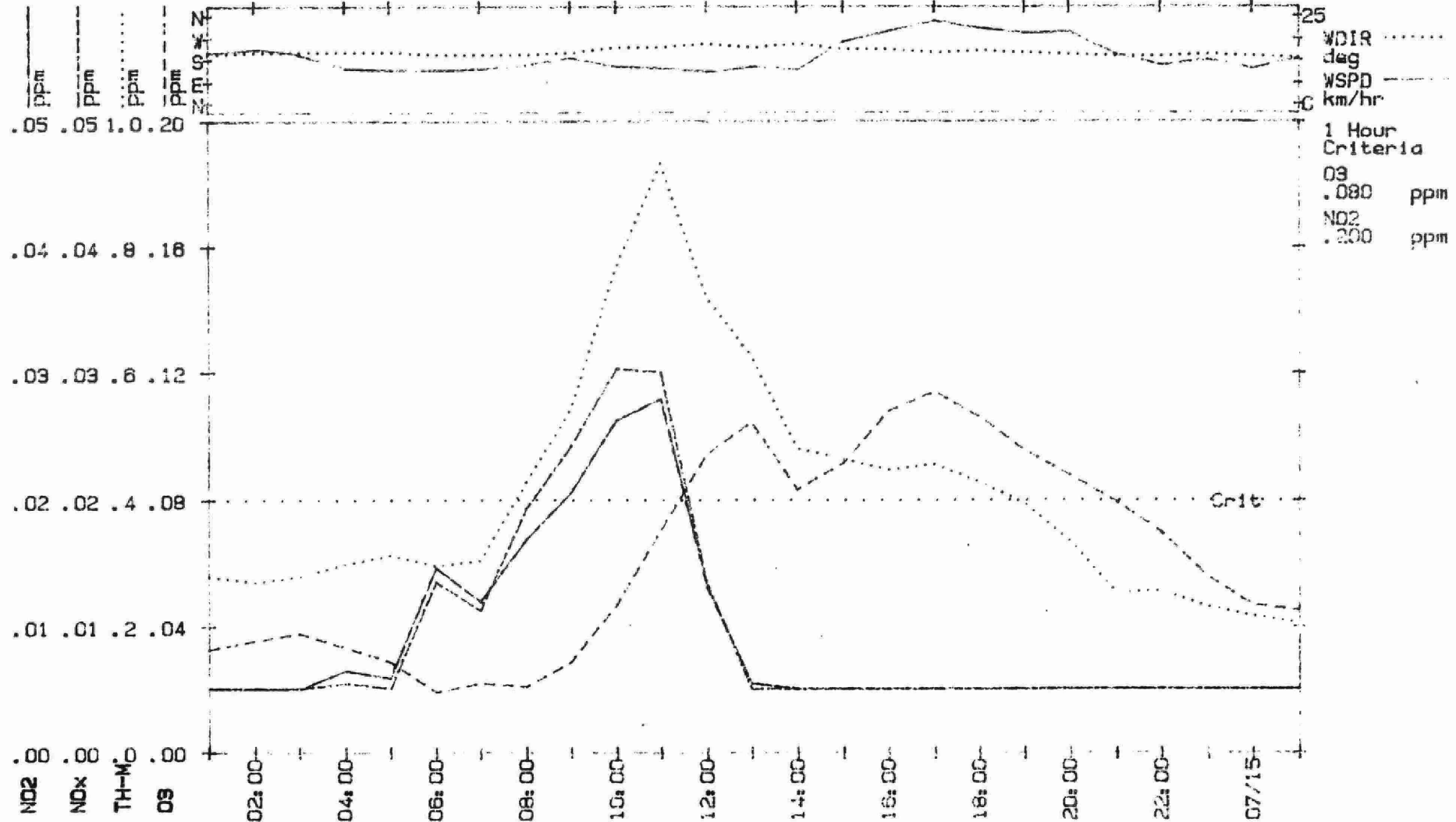
Start: 84/07/13 00:00 Scan: 300 sec. Ave: 60.00 min.
Loc: Camlachie Coast Guard site all acquired data



SARNIA_84:000A

Start: 84/07/14 00:00 Scan: 300 sec. Ave: 80.00 min.
Loc: Camlachie Coast Guard site all acquired data

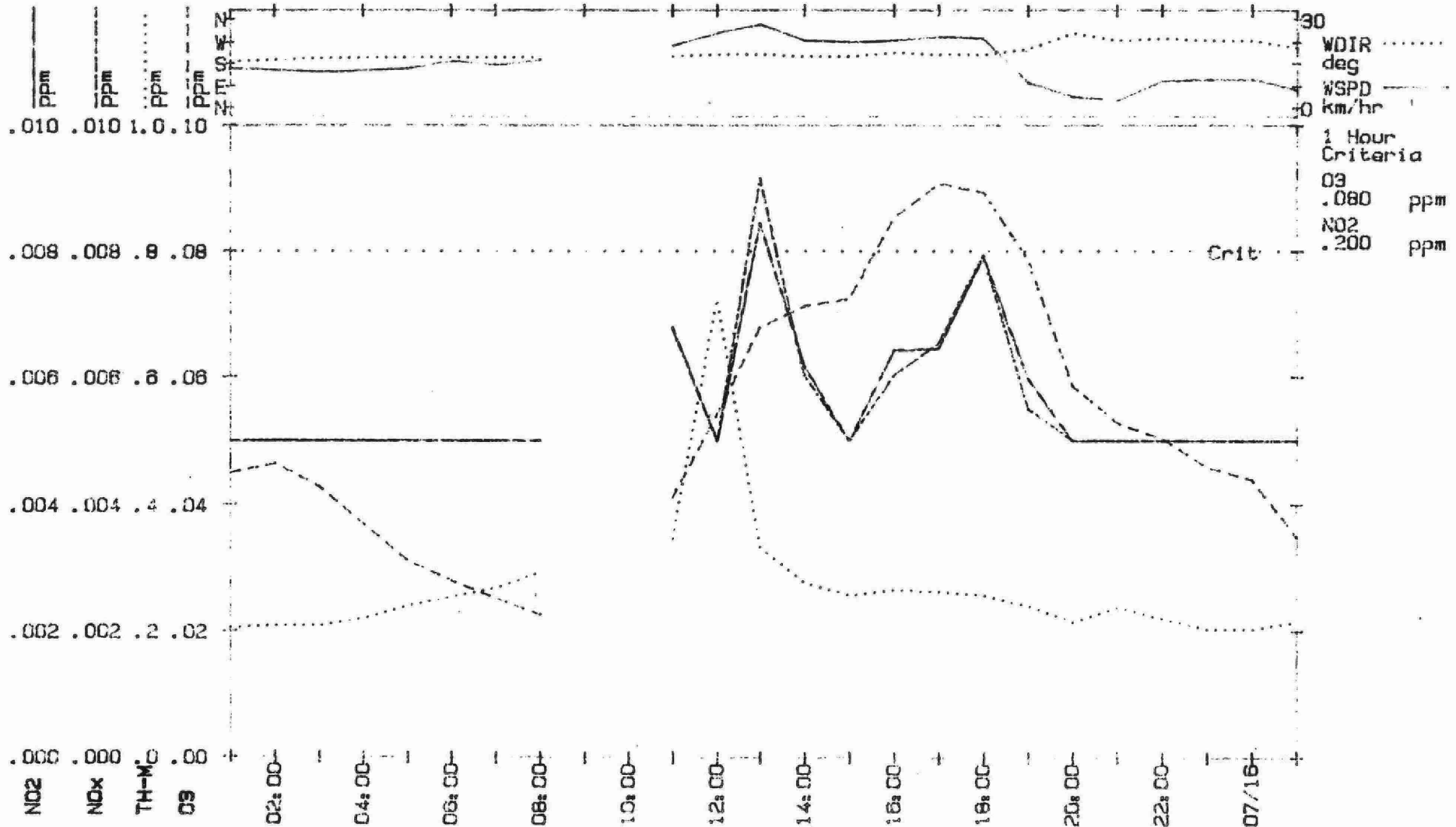
.000	.000	.000	.003	.035	.050	.077	.083	.087	.066	.028	.013	.000	.000	SRAD	W/cm^2
19	19	19	19	24	27	31	33	32	31	30	29	24	22	TEMP	d C
86	86	89	91	77	70	55	46	47	49	54	58	72	79	HUM	%-rel
1017	1018	1018	1020	1020	1021	1020	1018	1017	1014	1012	1011	1012	1013	BAR	mbar-mel



SARNIA_84: 000A

Start: 84/07/15 00:00 Scan: 300 sec. Ave: 80.00 min.
Loc: Camlachie Coast Guard site all acquired data

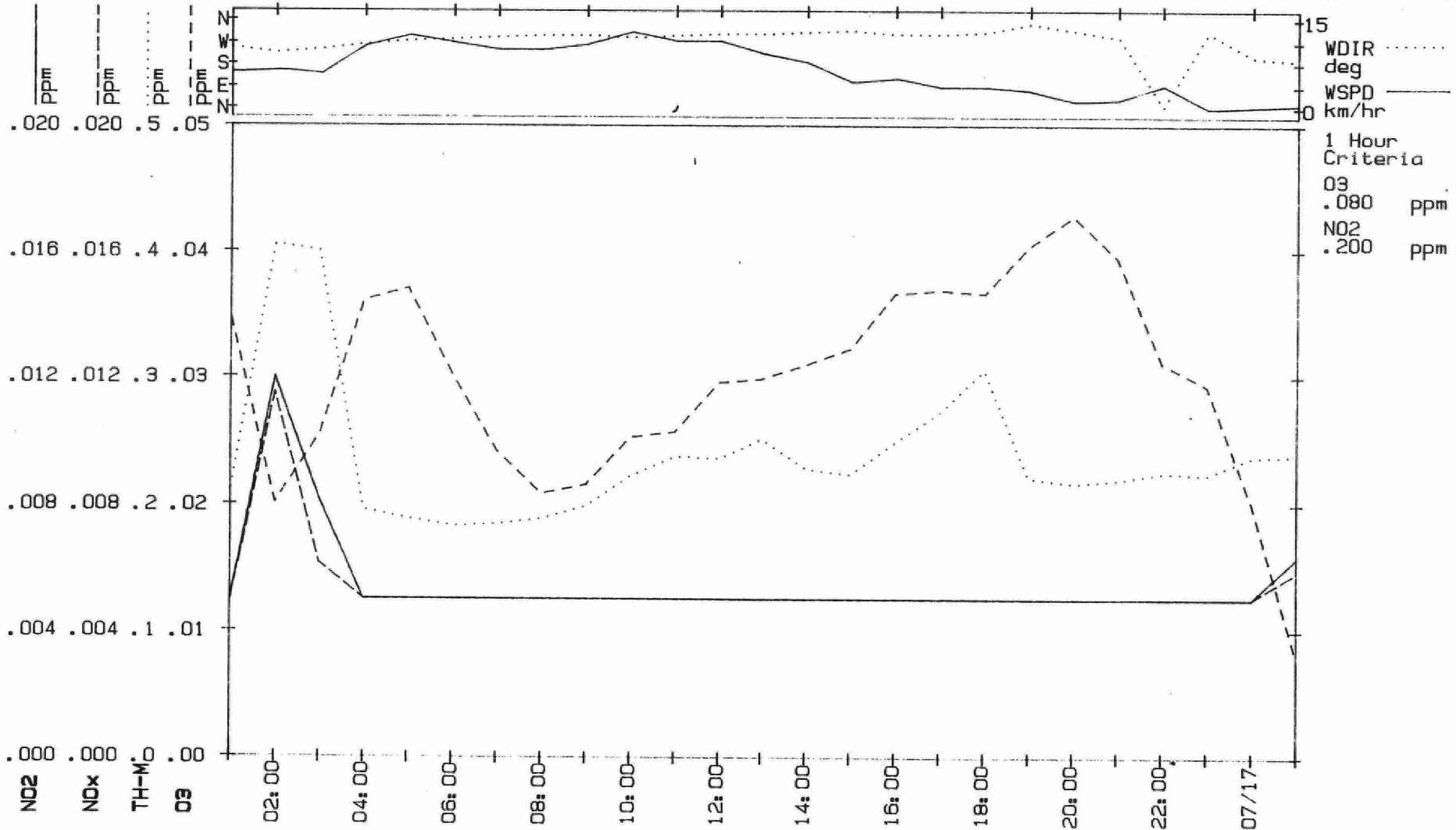
.000	.000	.000	.002	--	.020	.050	.011	.039	.044	.016	.002	.000	.000	SRAD	W/cm ²
22	21	22	22	---	25	27	26	27	28	28	25	24	22	TEMP	d C
78	85	84	86	---	75	70	67	67	64	66	65	65	60	HUM	%-rel
1013	1014	1014	1014	---	1013	1013	1011	1009	1009	1007	1007	1008	1009	BAR	mbar-me1



SARNIA_84: 000A

Start: 84/07/16 00:00 Scan: 300 sec. Ave: 60.00 min.
Loc: Camlachie Coast Guard site all acquired data

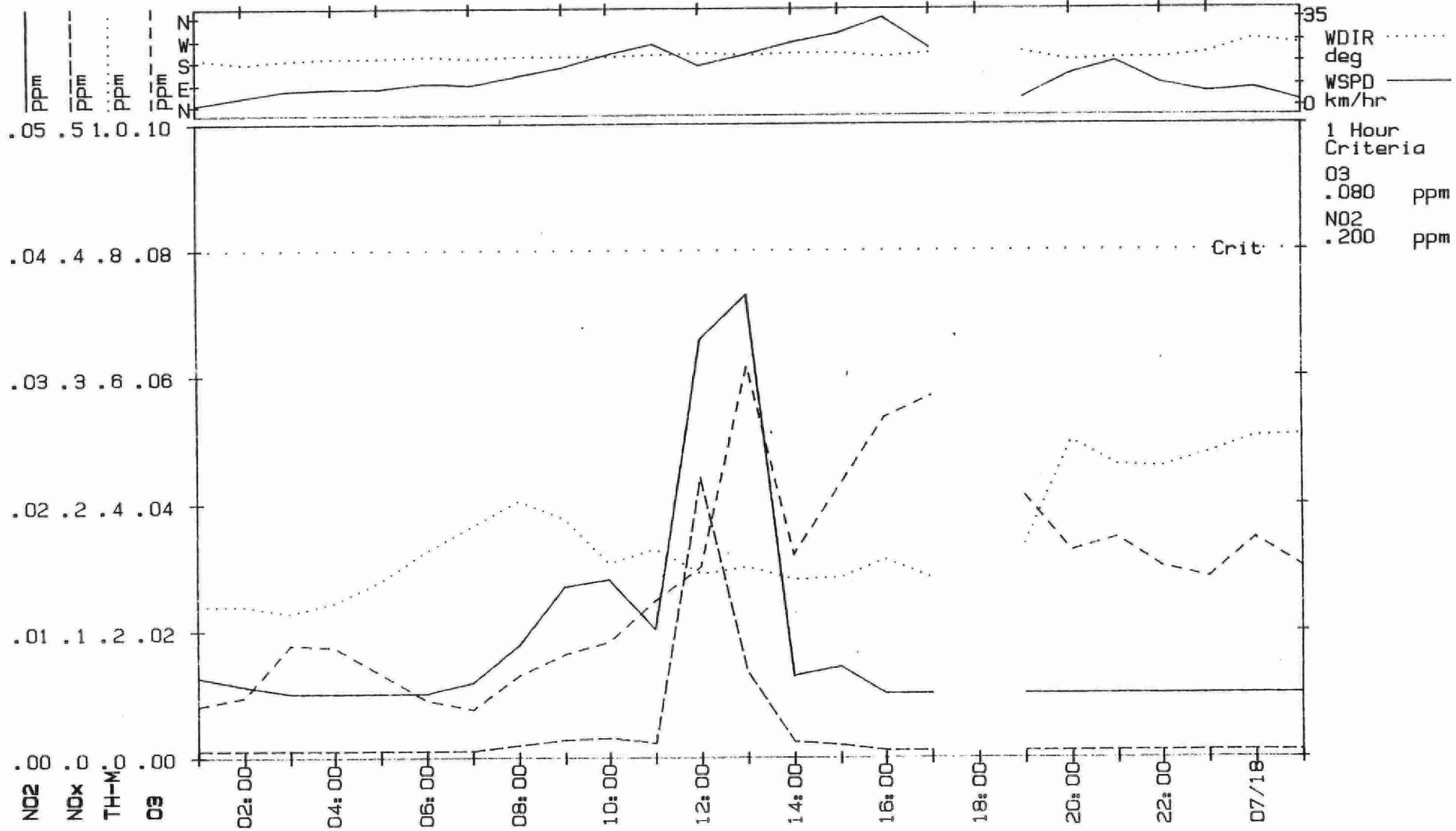
.000		.000		.000		.003		.037		.070		.082		.057		.057		.054		.022		.002		.000		.000		SRAD		W/cm^2	
20		20		19		19		23		25		25		26		27		27		25		22		19		16		TEMP		d C	
70		73		78		78		64		59		56		53		51		50		58		63		72		89		HUM		%rel	
1010		1010		1011		1012		1013		1012		1012		1012		1011		1011		1010		1010		1010		1011		BAR		mbar-msl	



SARNIA_84: 000A

Start: 84/07/17 00:00 Scan: 300 sec. Ave: 60.00 min.
Loc: Camlachie Coast Guard site all acquired data

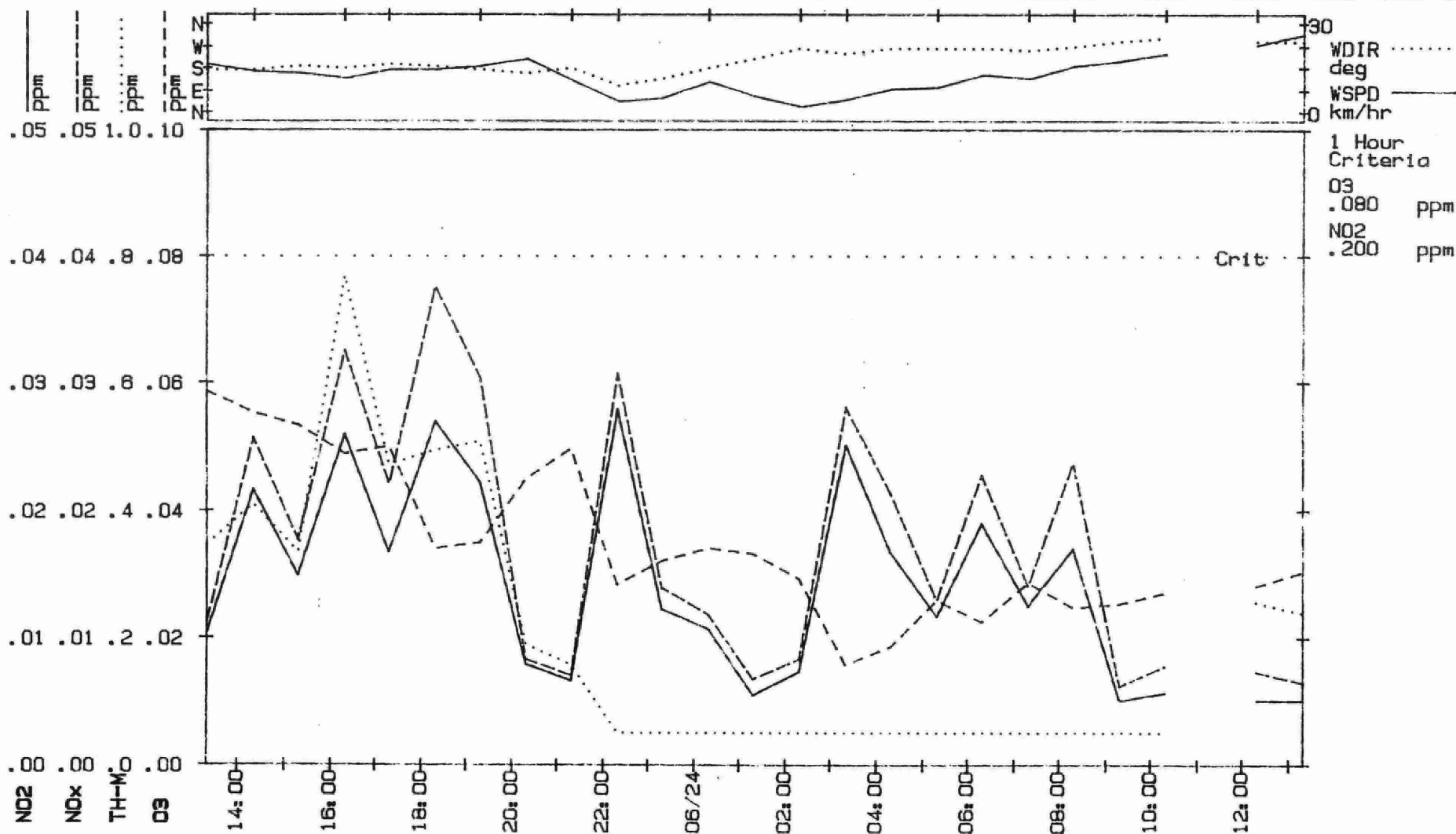
.000		.000		.003		.011		.012		.007		.081		.080		.025		.002		.000		.000		SRAD	W/cm^2		
14	15	14	15	15	19	20	21	22	24	23	18	18	17	18	17	92	98	92	90	1008	1009	TEMP	d C	HUM	%-rel	BAR	mbar-msl
92	88	88	88	88	78	73	64	73	64	72	98	92	90	1008	1009												
1012	1011	1011	1012	1012	1012	1011	1011	1010	1009	1007	1007	1008	1009														



SARNIA_84: 000B

Start: 84/06/23 12:19 Scan: 300 sec. Ave: 80.00 min.
Loc: Courtright - MOE Station /... all acquired data

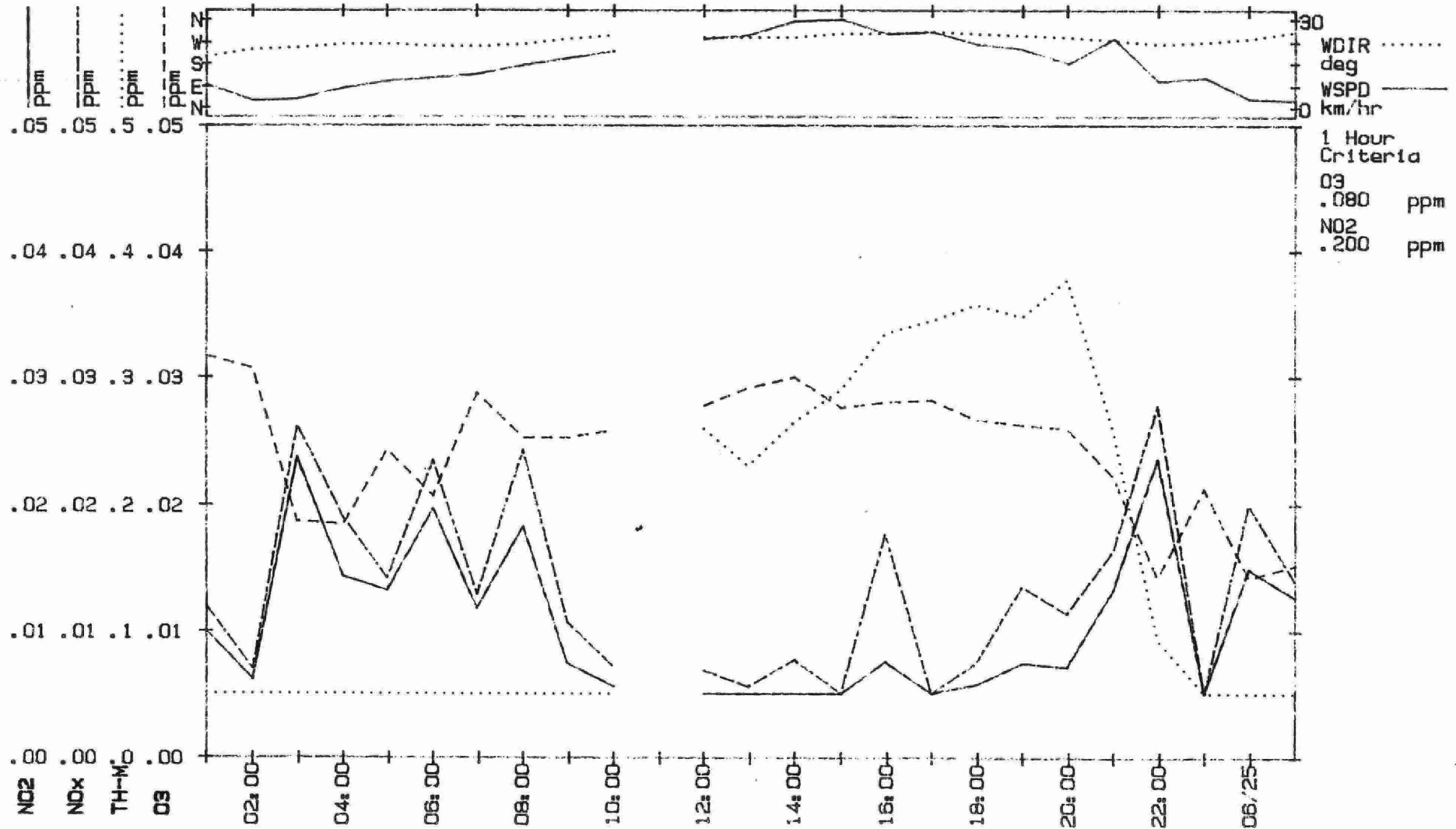
.046	.057	.040	.010	.000	.000	.000	.000	.005	.015	.060	.071	SRAD	W/cm ²
25	26	26	25	20	19	19	19	19	20	22	23	TEMP	d C
77	73	75	77	--	100	100	100	100	99	83	73	HUM	%-rel
1010	1009	1009	1008	1008	1008	1007	1006	1006	1007	1007	1009	BAR	mbar-mel



SARNIA_84: 000B

Start: 84/06/23 23:59 Scan: 300 sec. Ave: 60.00 min.
Loc: Courtright - MOE Station ... all acquired data

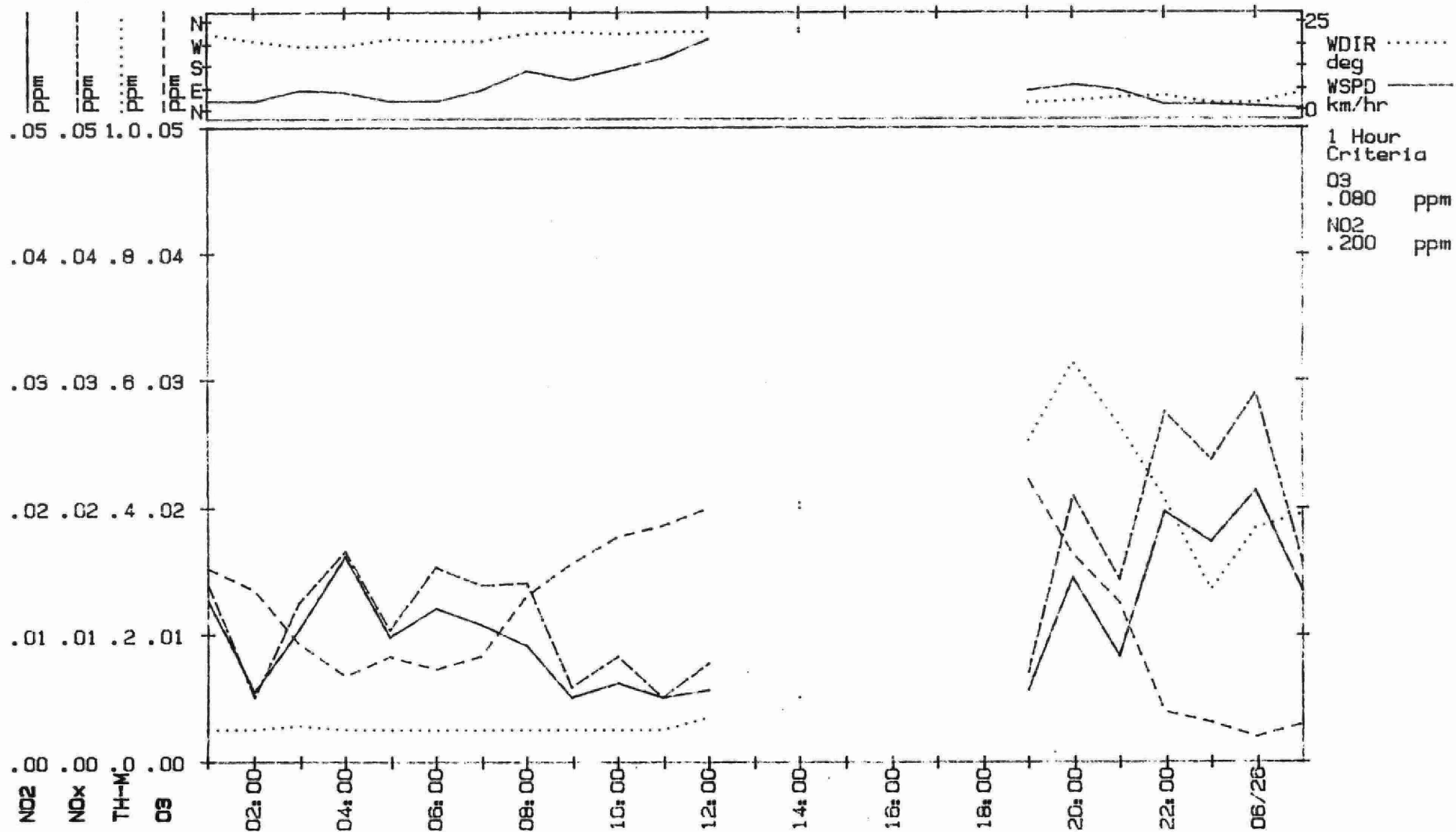
.000		.000 000		.004		.016 058		.055		.101 104		.074		.042 017		.000		.000		SRAD	W/cm^2
19	19	19	19	19	20	22	23	24	24	24	24	24	24	23	23	16	15	TEMP	d C		
100	100	100	100	100	95	85	75	58	52	46	45	48	79	85	79	85	HUM	%-rel			
1008	1008	1008	1008	1008	1008	1007	1008	1009	1009	1010	1010	1010	1011	1011	1012	1012	BAR	mbar-mel			



SARNIA_84: 000B

Start: 84/06/24 23:59 Scan: 300 sec. Ave: 60.00 min.
Loc: Courtright - MOE Station ... all acquired data

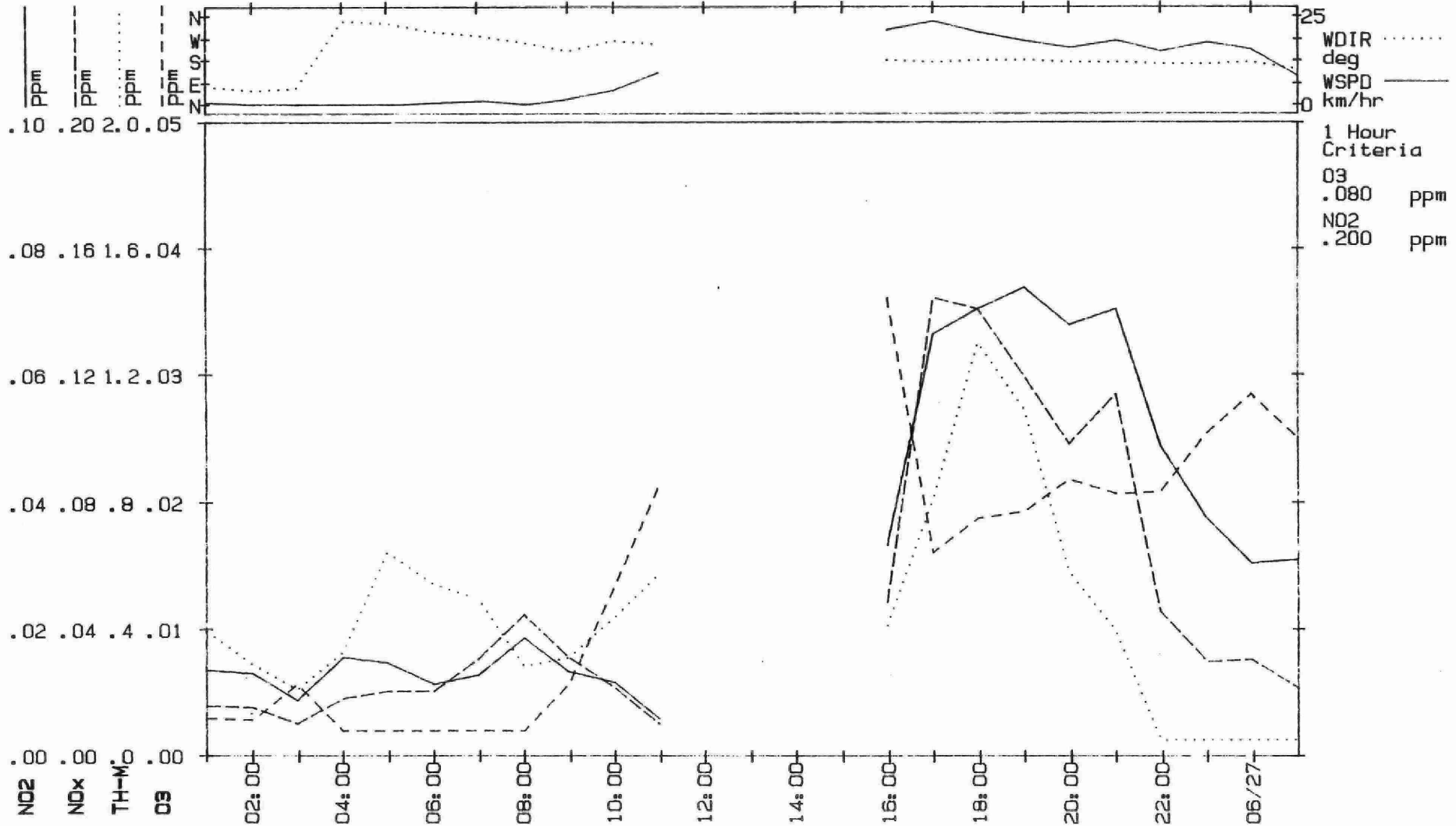
.000	.000	.000	.007	.047	.088	.087	.089	--	--	.040	.025	.000	.000	SRAD	W/cm^2
14	13	12	13	18	20	21	22	--	--	24	23	16	13	TEMP	d C
94	99	99	98	79	71	58	50	--	--	50	58	85	97	HUM	%-rel
1012	1012	1012	1013	1013	1013	1013	1013	--	--	1013	1013	1013	1014	BAR	mbar-mel



SARNIA_84: 000B

Start: 84/06/25 23:59 Scan: 300 sec. Ave: 60.00 min.
Loc: Courtright - MOE Station ... all acquired data

.000	.000	.000	.006	.045	.067	--	--	--	.082	.028	.024	.000	.000	SRAD	W/cm ²
11	11	10	11	17	22	--	--	--	24	24	23	21	19	TEMP	d C
100	100	100	100	90	69	--	--	--	44	45	51	58	70	HUM	%-rel
1014	1014	1014	1014	1014	1014	--	--	--	1010	1008	1008	1007	1006	BAR	mbar-msl

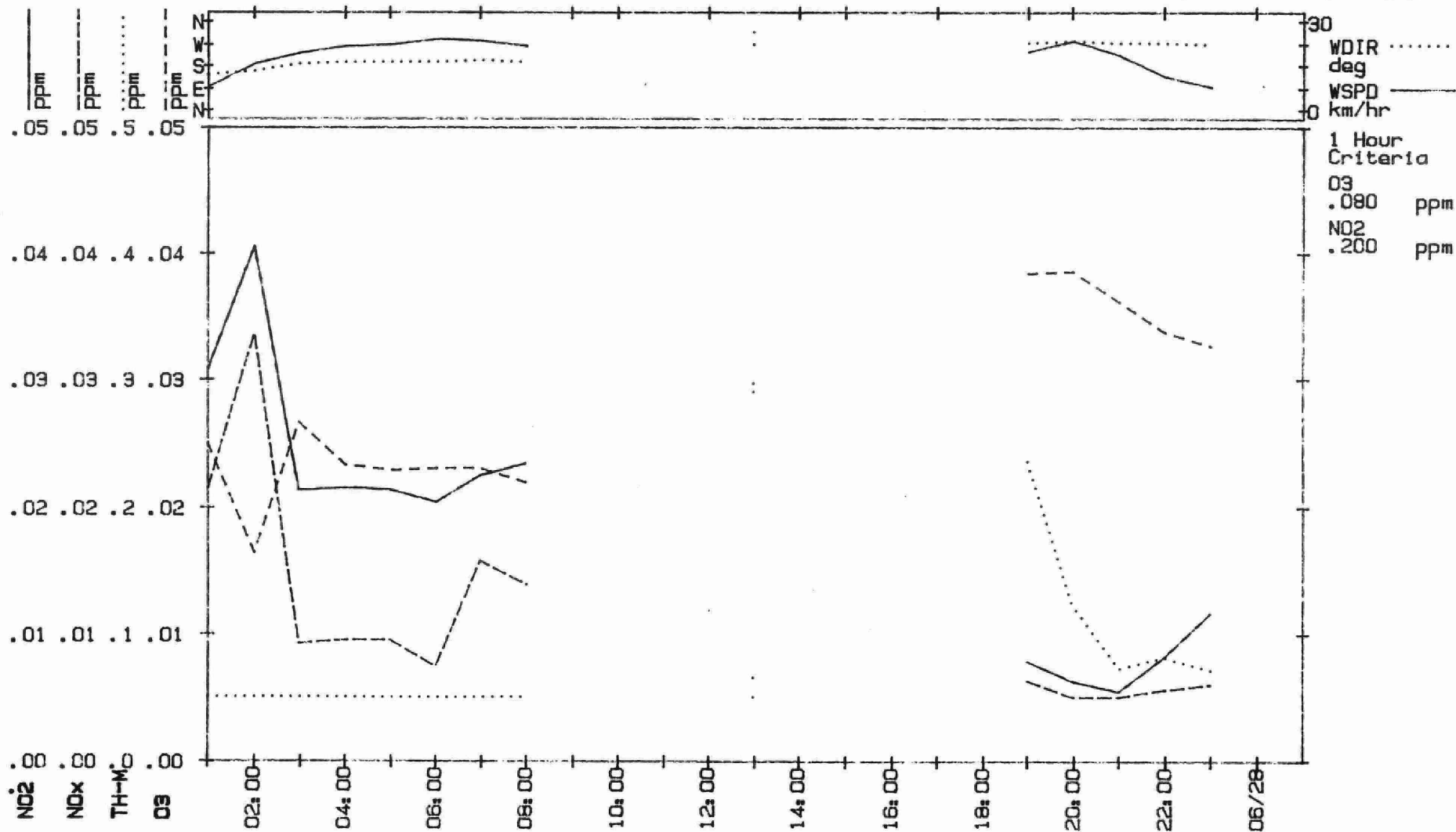


SARNIA_84: 000B

Start: 84/06/28 23:59 Scan: 300 sec. Ave: 60.00 min.
Loc: Courtright - MOE Station ... all acquired data

.000	.000	.001	--	--	--	--	--	--	.009	.008	.000	--
19	21	20	--	--	--	--	--	--	22	21	19	--
82	82	88	--	--	--	--	--	--	61	63	78	--
1004	1002	1000	--	--	--	--	--	--	1004	1005	1006	--

SRAD	W/cm^2
TEMP	d C
HUM	%-rel
BAR	mbar-mel

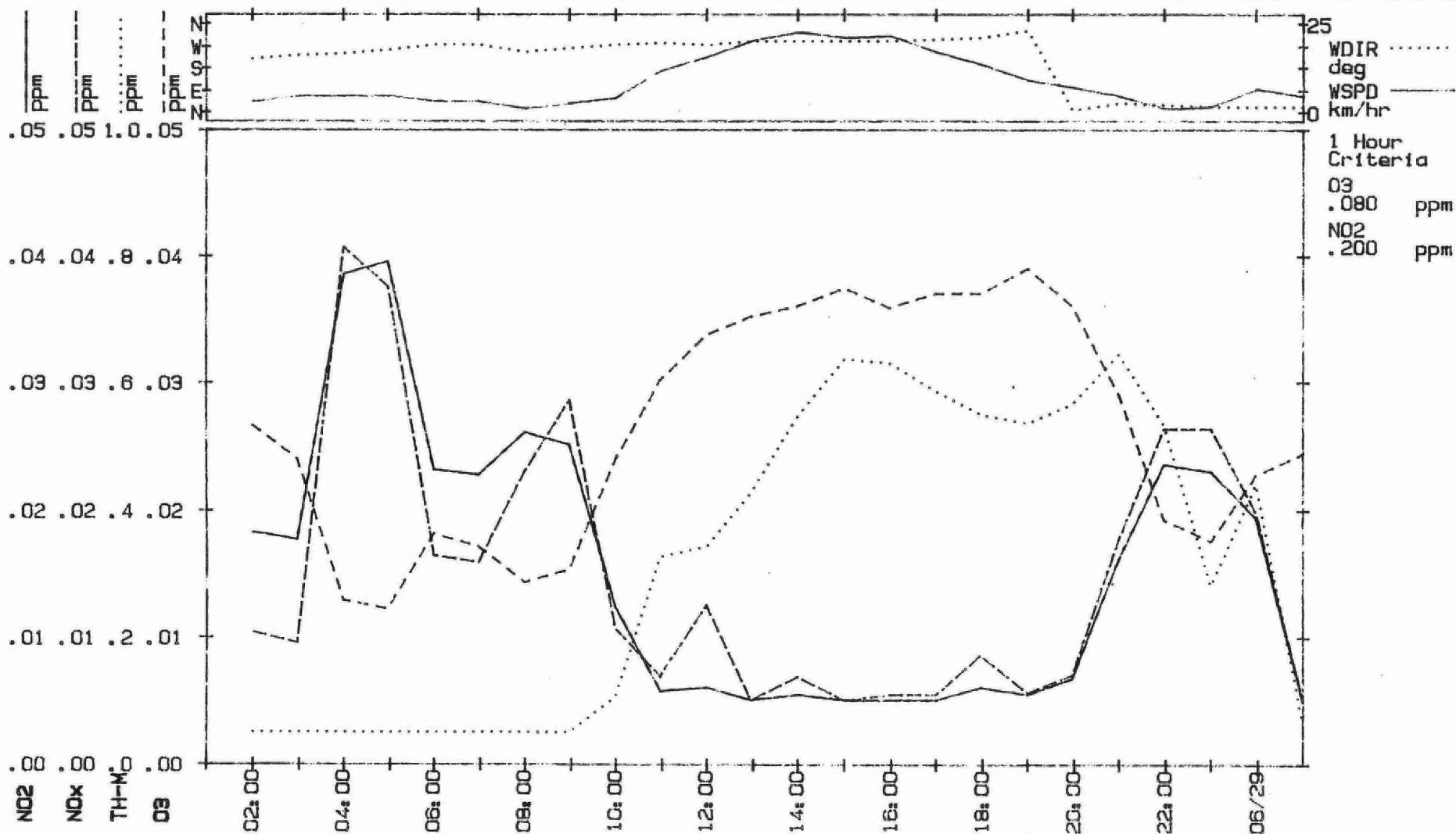


SARNIA_84: 000B

Start: 84/08/27 23:59 Scan: 300 sec. Ave: 80.00 min.

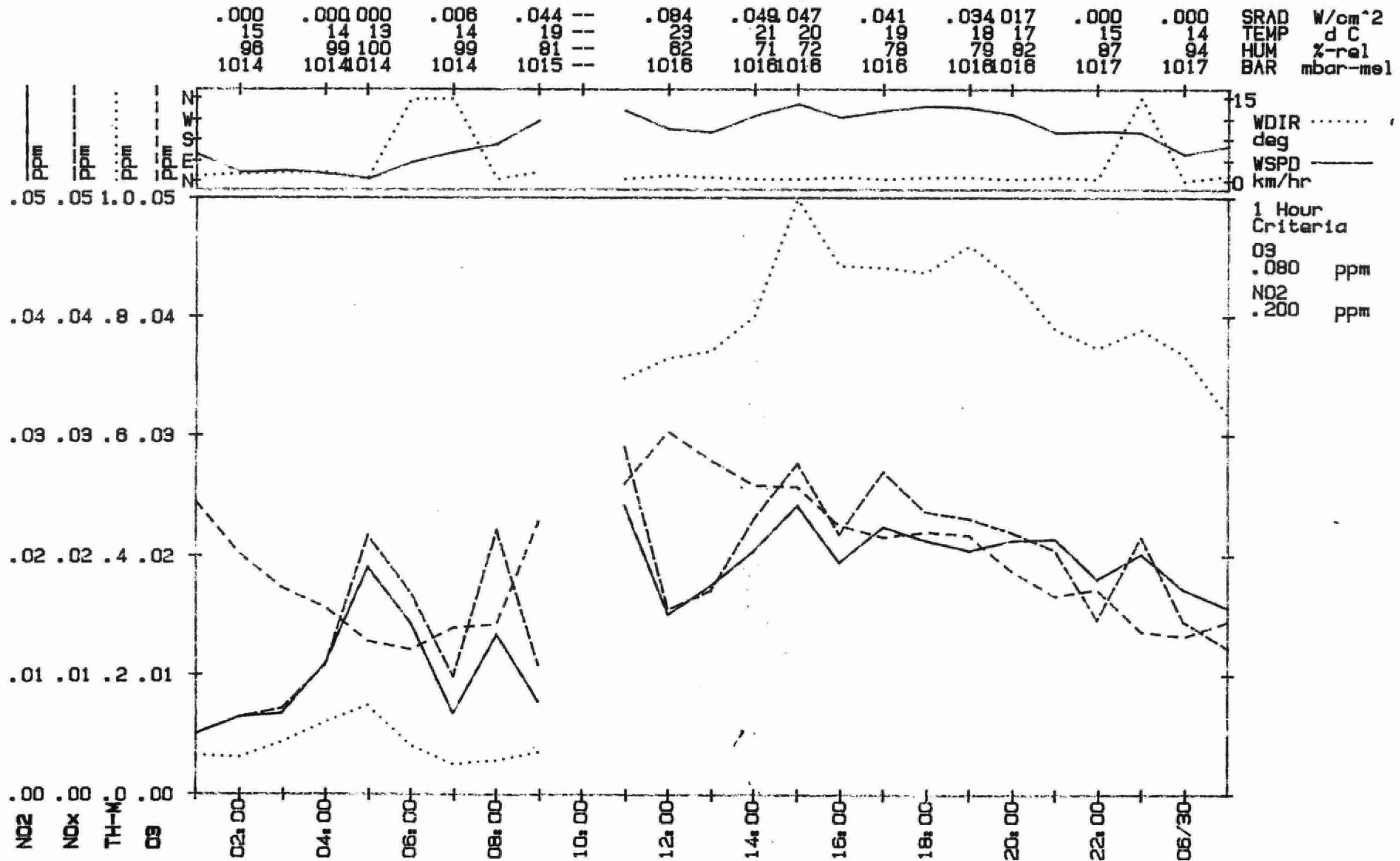
Loc: Courtright - MOE Station ... all acquired data

.000	.000	.000	.022	.084	.108	.079	.046	.000	.000	SRAD	W/cm ²
17	16	15	17	25	28	27	29	20	18	TEMP	d C
90	94	100	95	58	48	43	44	73	79	HUM	%-rel
1008	1009	1010	1011	1011	1011	1011	1011	1012	1014	BAR	mbar-mel



SARNIA_84: 000B

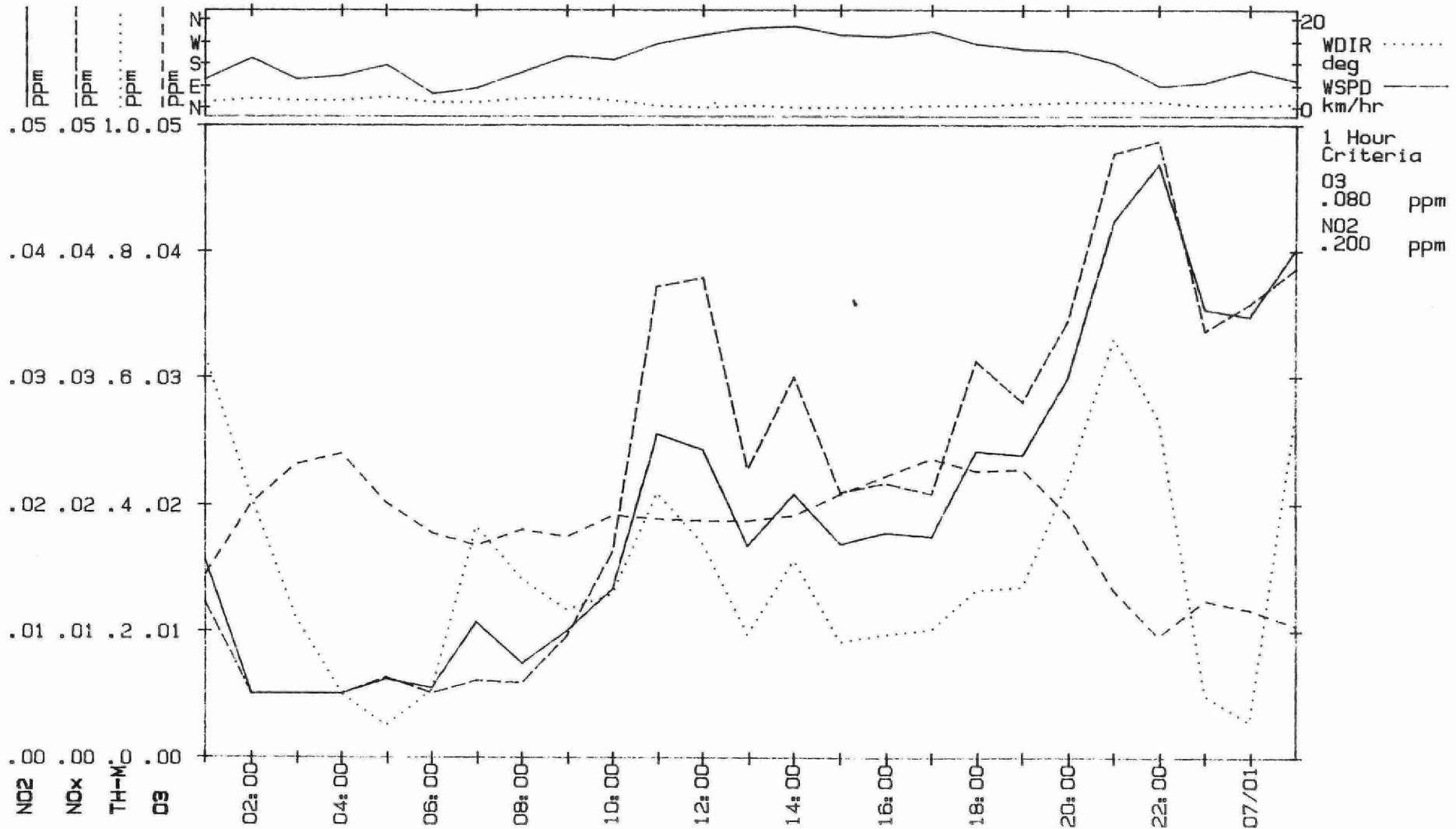
Start: 84/08/28 23:59 Scan: 300 sec. Ave: 80.00 min.
Loc: Courtright - MOE Station ... all acquired data



SARNIA_84: 000B

Start: 84/06/29 23:59 Scan: 300 sec. Ave: 60.00 min.
Loc: Courtright - MOE Station ... all acquired data

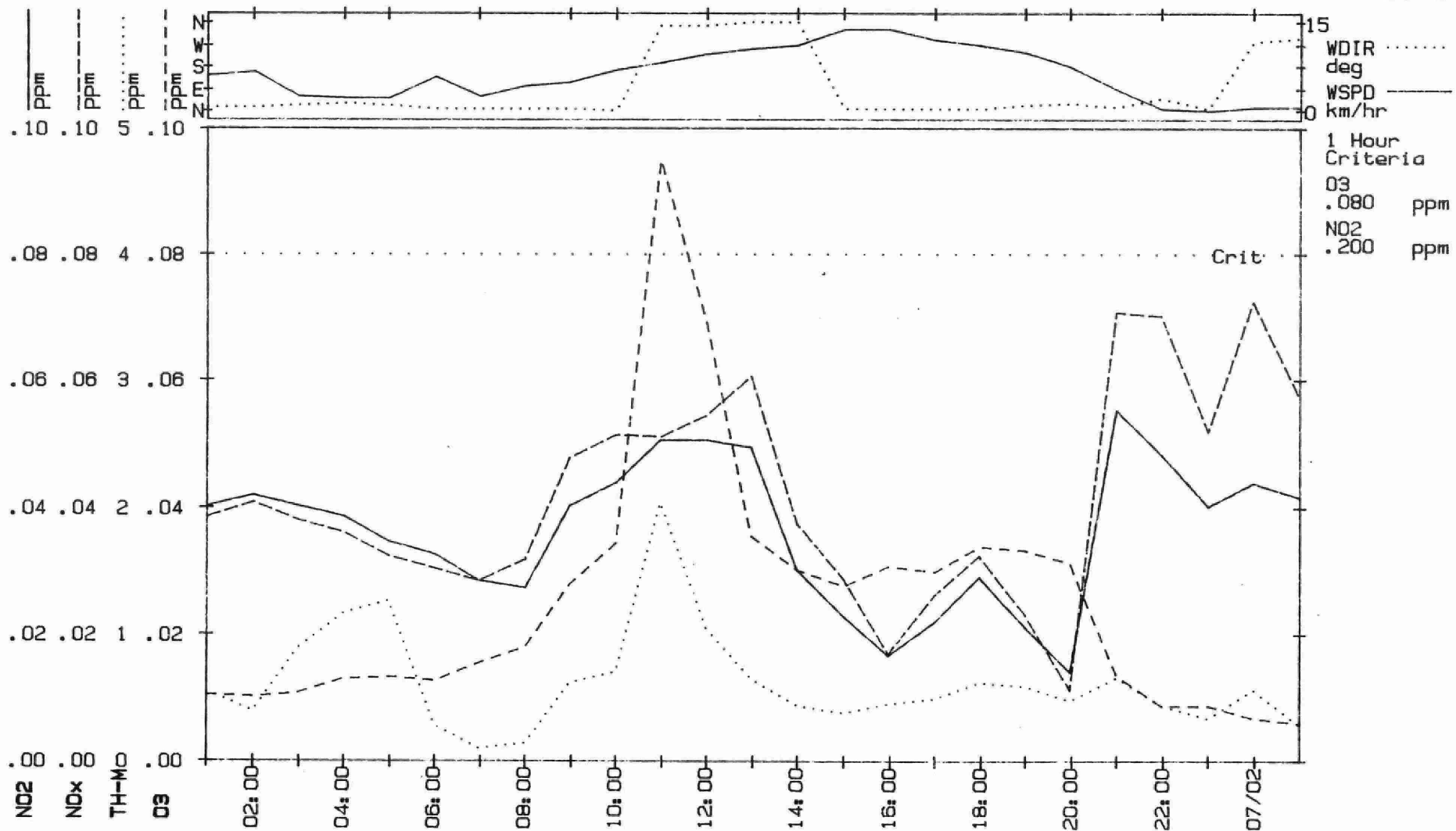
.000		.000		.006		.045		.062		.092		.110		.085		.044		.025		.000		.000		SRAD	W/cm^2
15	88	16	88	16	14	20	22	23	23	24	23	24	24	24	24	22	18	17	18	93	1016	1016	TEMP	d C	
1017	1016	1016	1016	1016	1016	1016	1017	1017	1017	1016	1015	1015	1015	1015	1015	1015	1016	1016	1016	1016	1016	1016	HUM	%-rel	
																						BAR	mbar-mel		



SARNIA_84: 000B

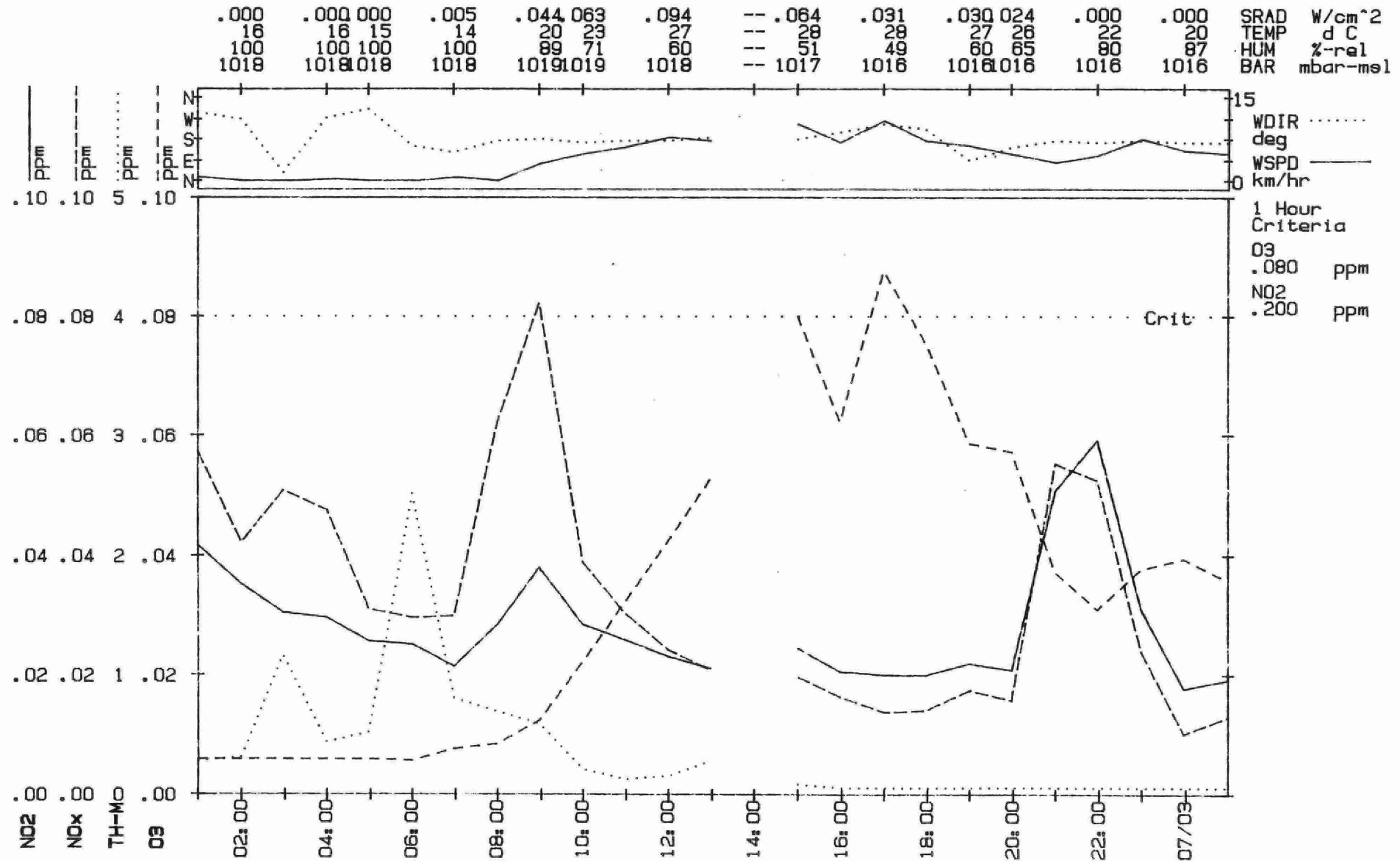
Start: 84/06/30 23:59 Scan: 300 sec. Ave: 60.00 min.
Loc: Courtright - MOE Station ... all acquired data

.000		.000		.000		.006		.045		.065		.094		.106		.109		.085		.048		.027		.000		.000		SRAD	W/cm^2	
17	16	16	16	16	16	16	16	22	25	28	28	30	30	29	28	27	19	16	TEMP	d C	HUM	%-rel	BAR	mbar-mel						
96	100	98	101	101	101	97	76	65	52	47	45	43	45	49	83	98	101	101												



SARNIA_84: 000B

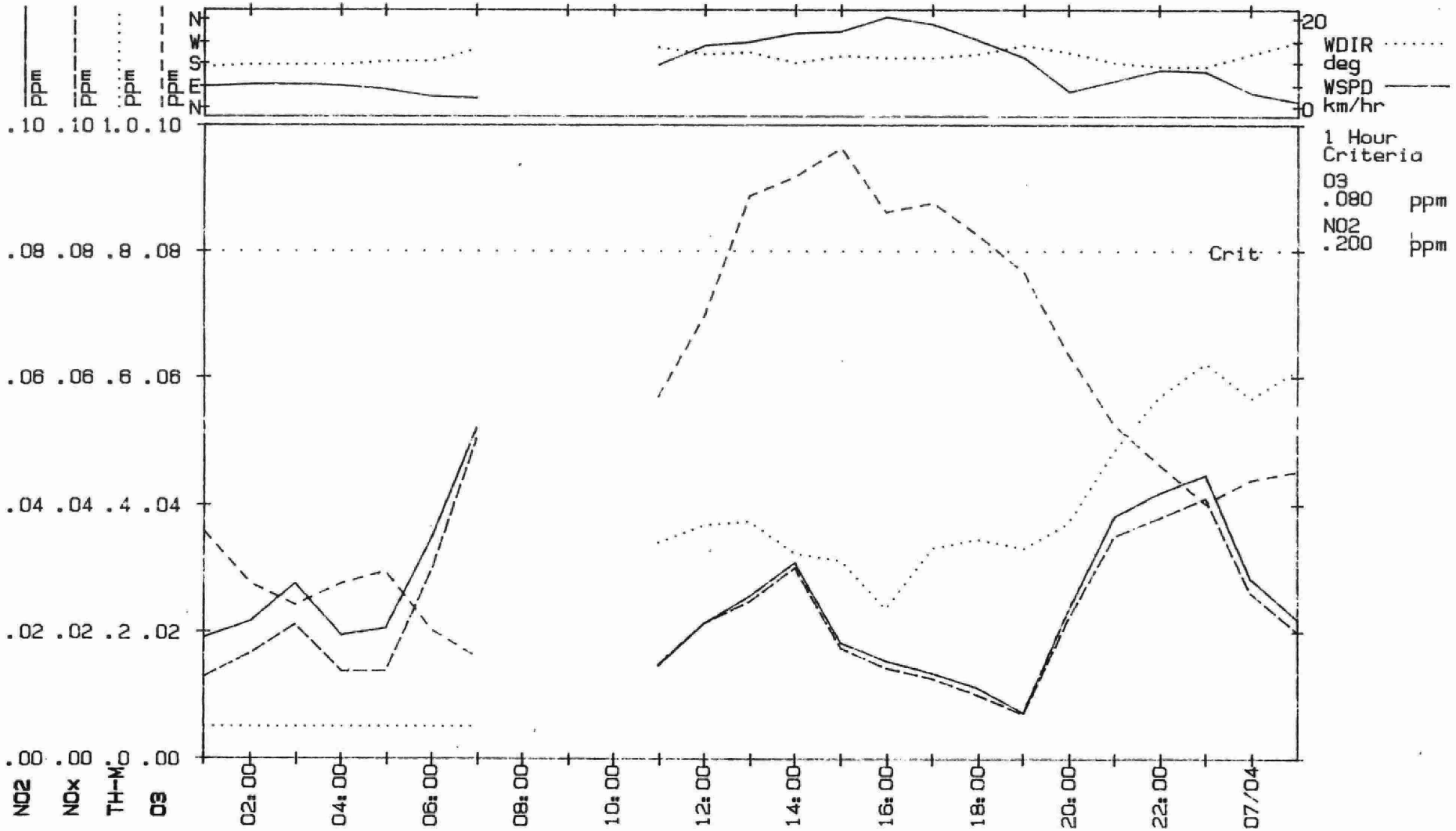
Start: 84/07/01 23:59 Scan: 300 sec. Ave: 60.00 min.
Loc: Courtright - MOE Station ... all acquired data



SARNIA_84: 000B

Start: 84/07/02 23:59 Scan: 300 sec. Ave: 60.00 min.
Loc: Courtright - MOE Station ... all acquired data

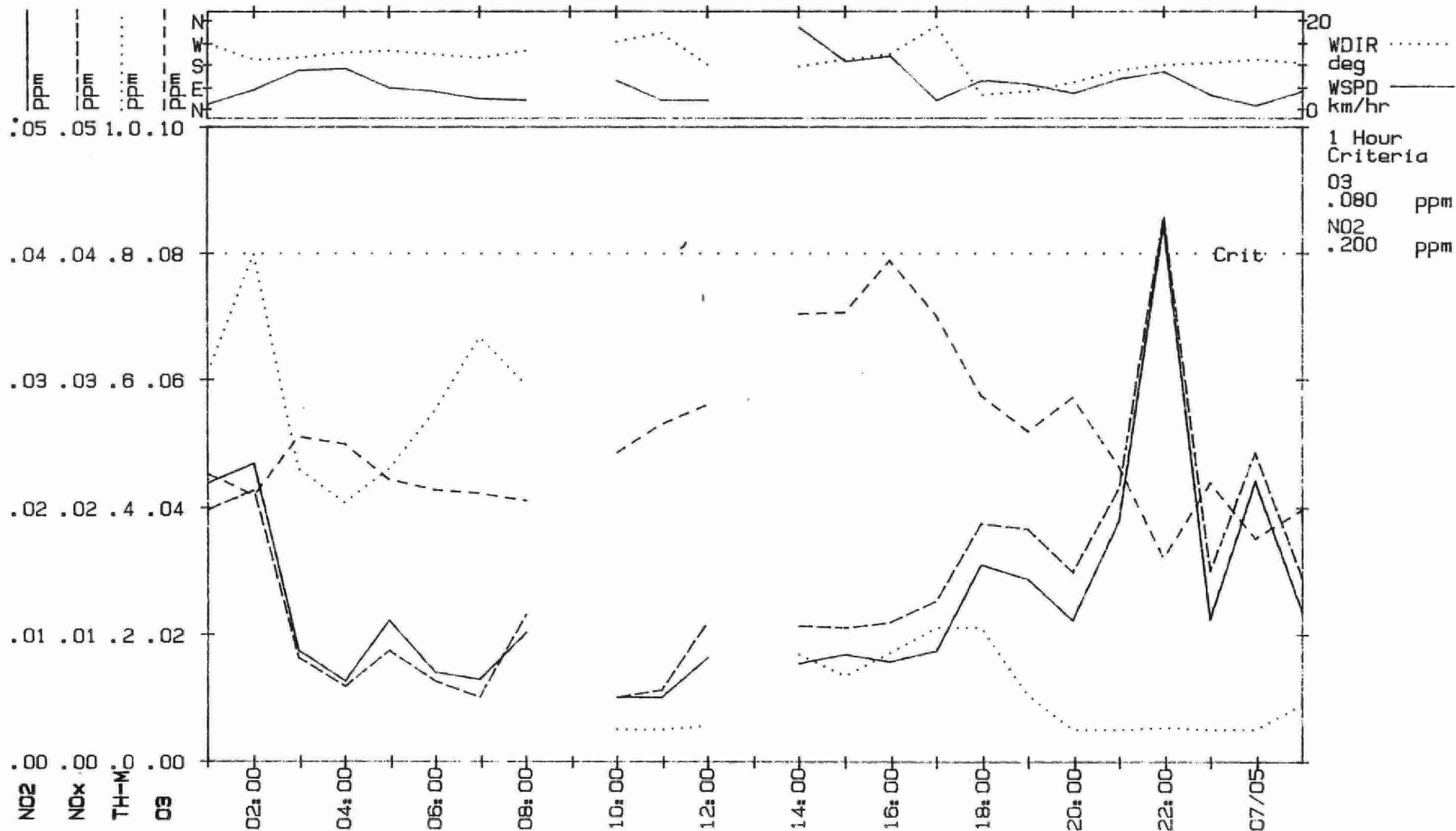
.000		.000		.005		-- --		.091		.098 .088		.074		.028 018		.000		.000		SRAD	W/cm^2
19	96	18	18	18	99	--	--	29	53	28	29	29	51	30	28	23	22	73	82	TEMP	d C
1015	1015	1015	1015	1016	--	--	--	1015	1014	1013	1012	1011	1011	1011	1011	1011	1011	1011	1011	HUM	%-rel
																				BAR	mbar-mel



SARNIA_84: 000B

Start: 84/07/03 23:59 Scan: 300 sec. Ave: 60.00 min.
Loc: Courtright - MOE Station ... all acquired data

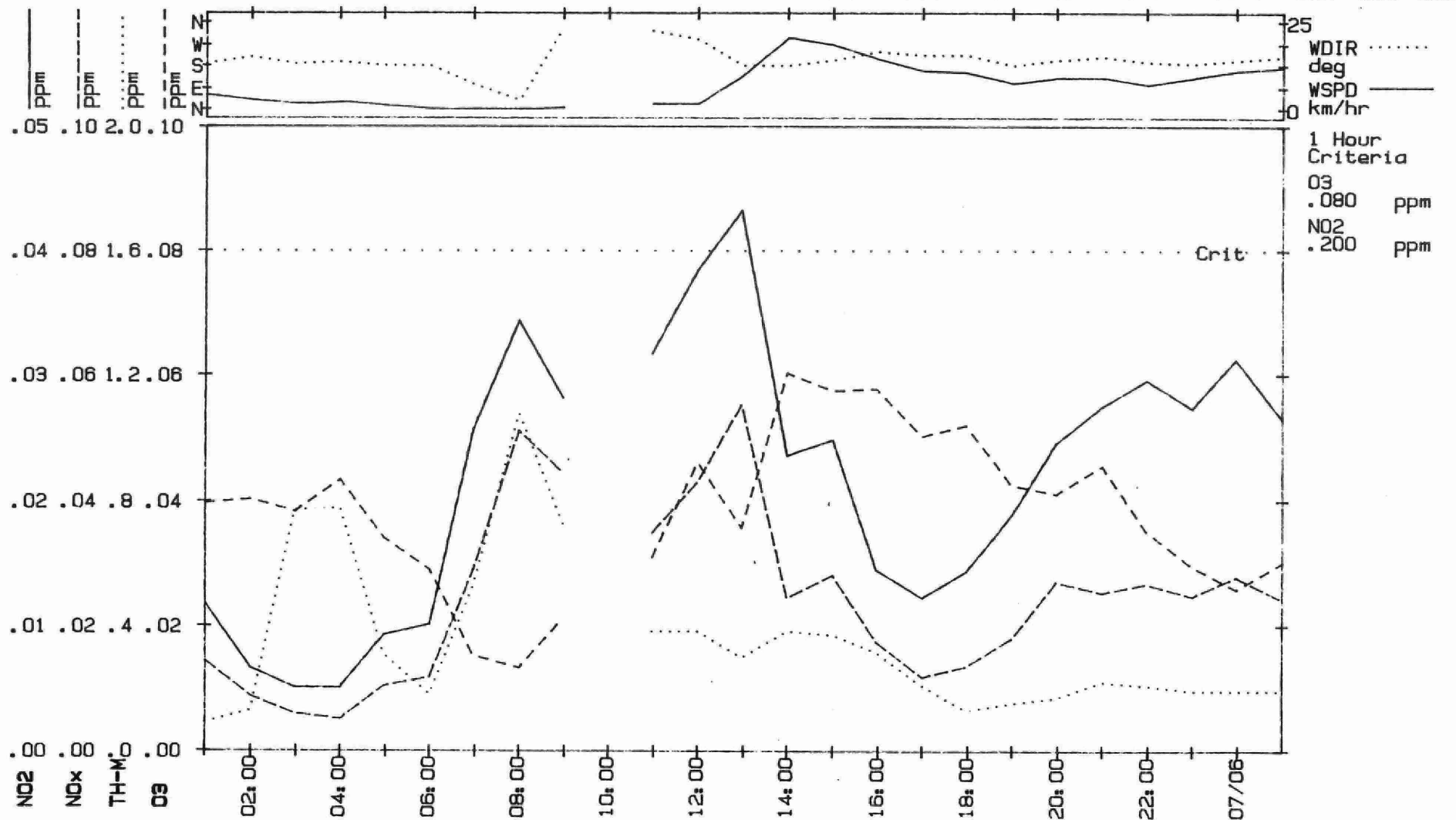
.000	.000	.000	.004	--	.051	.064	.057	.079	.031	.007	.004	.000	.000	SRAD	W/cm^2
22	22	21	20	--	25	28	27	28	28	26	24	21	19	TEMP	d C
84	87	92	98	--	78	70	74	71	67	74	81	99	100	HUM	%-rel
1010	1010	1010	1010	--	1011	1010	1010	1009	1008	1008	1008	1009	1009	BAR	mbar-msl



SARNIA_84: 000B

Start: 84/07/04 23:59 Scan: 300 sec. Ave: 60.00 min.
Loc: Courtright - MOE Station ... all acquired data

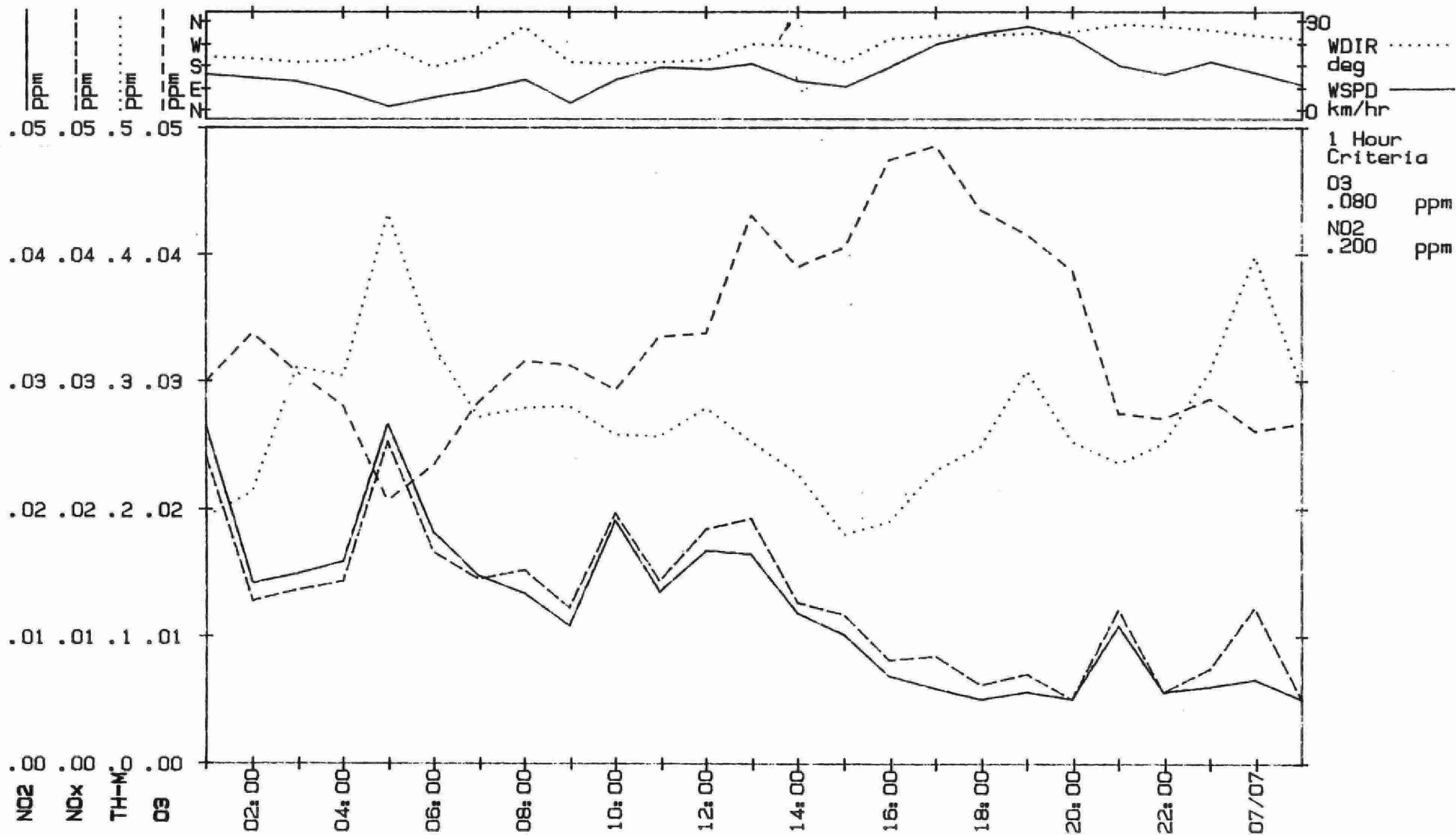
.000	.000 000	.003	.032 --	.076	.066 088	.009	.019 024	.000	.000	SRAD	W/cm^2
19	19 18	18	22 --	28	26 26	22	22 23	21	20	TEMP	d C
100	100 100	100	91 --	64	70 76	92	82 80	84	90	HUM	%-rel
1008	1008 1008	1009	1009 --	1009	1009 1008	1008	1008 1008	1008	1009	BAR	mbar-mel



SARNIA_84: 000B

Start: 84/07/05 23:59 Scan: 300 sec. Ave: 60.00 min.
Loc: Courtright - MOE Station ... all acquired data

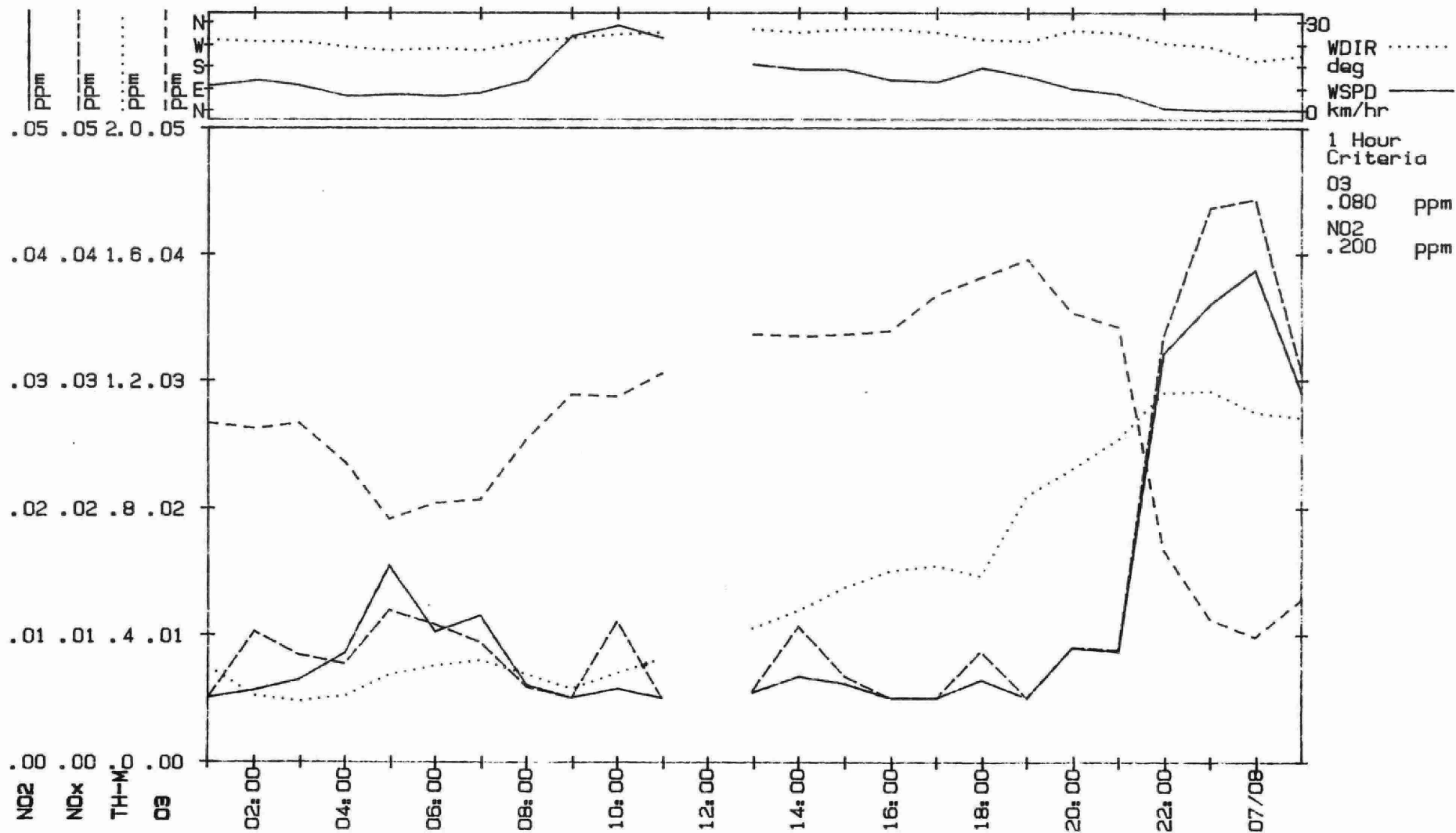
.000		.000		.000		.001		.004		.013		.041		.036		.062		.064		.049		.025		.000		.000		SRAD	W/cm^2
21	20	20	21	18	19	21	22	23	26	25	24	18	16	16	82	83	57	47	49	68	67	68	67	1010	1012	TEMP	d C	HUM	%-rel
1008	1008	1008	1007	1007	1007	1006	1006	1006	1006	1006	1006	1006	1006	1006	1006	1006	1006	1006	1006	1006	1006	1006	1006	1006	1006	1006	1006	1006	1006



SARNIA_84: 000B

Start: 84/07/08 23:59 Scan: 300 sec. Ave: 60.00 min.
Loc: Courtright - MOE Station ... all acquired data

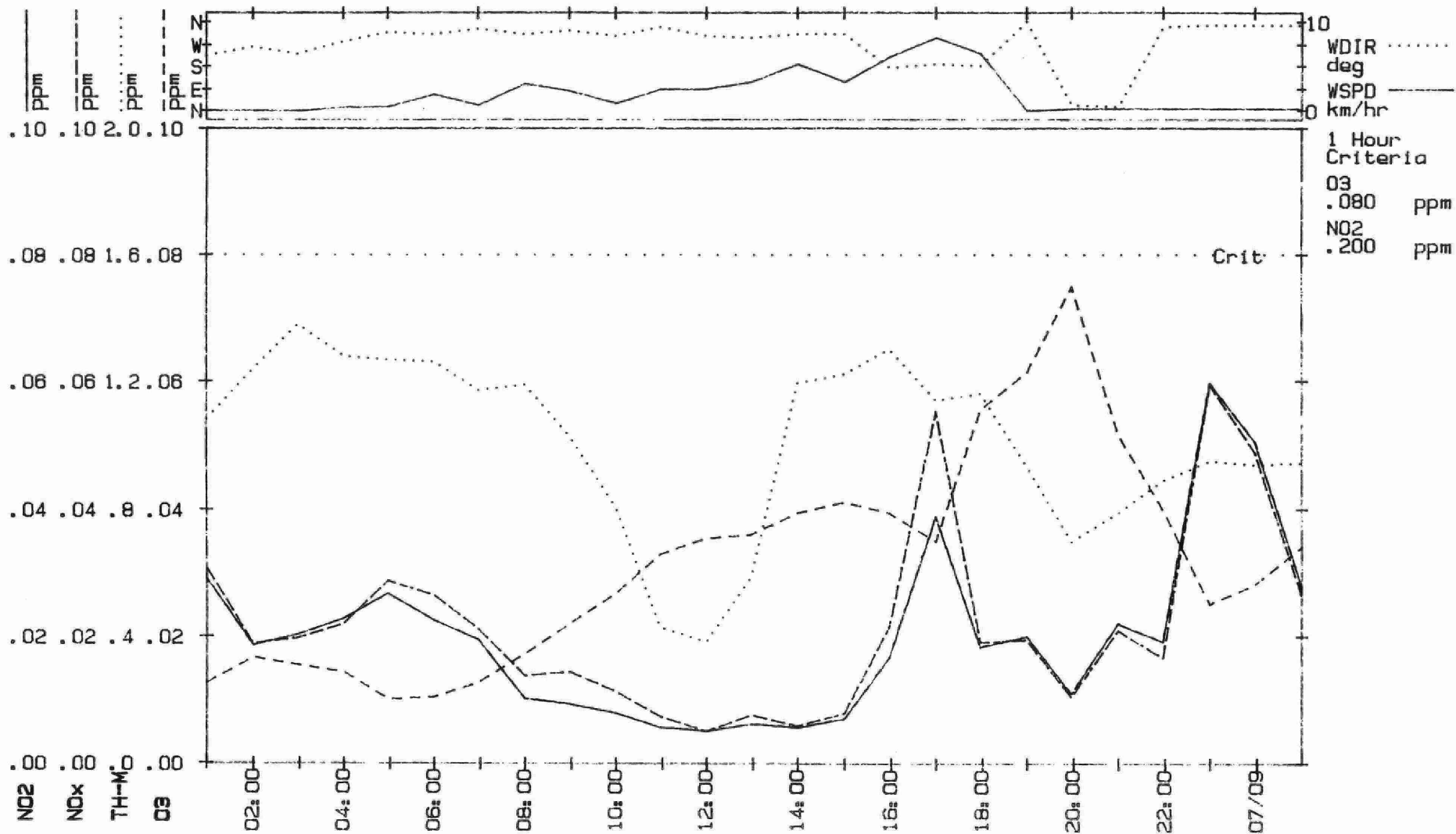
.000	.000	.005	.043	.060	--	.045	.044	.066	.024	.023	.000	.000	SRAD	W/cm^2
14	12	11	15	16	--	20	21	22	21	21	18	14	TEMP	d C
73	78	81	69	65	--	54	50	47	49	50	75	89	HUM	%-rel
1012	1013	1014	1015	1016	--	1018	1018	1018	1018	1018	1019	1019	BAR	mbar-mel



SARNIA_84: 000B

Start: 84/07/07 23:59 Scan: 300 sec. Ave: 60.00 min.
Loc: Courtright - MOE Station ... all acquired data

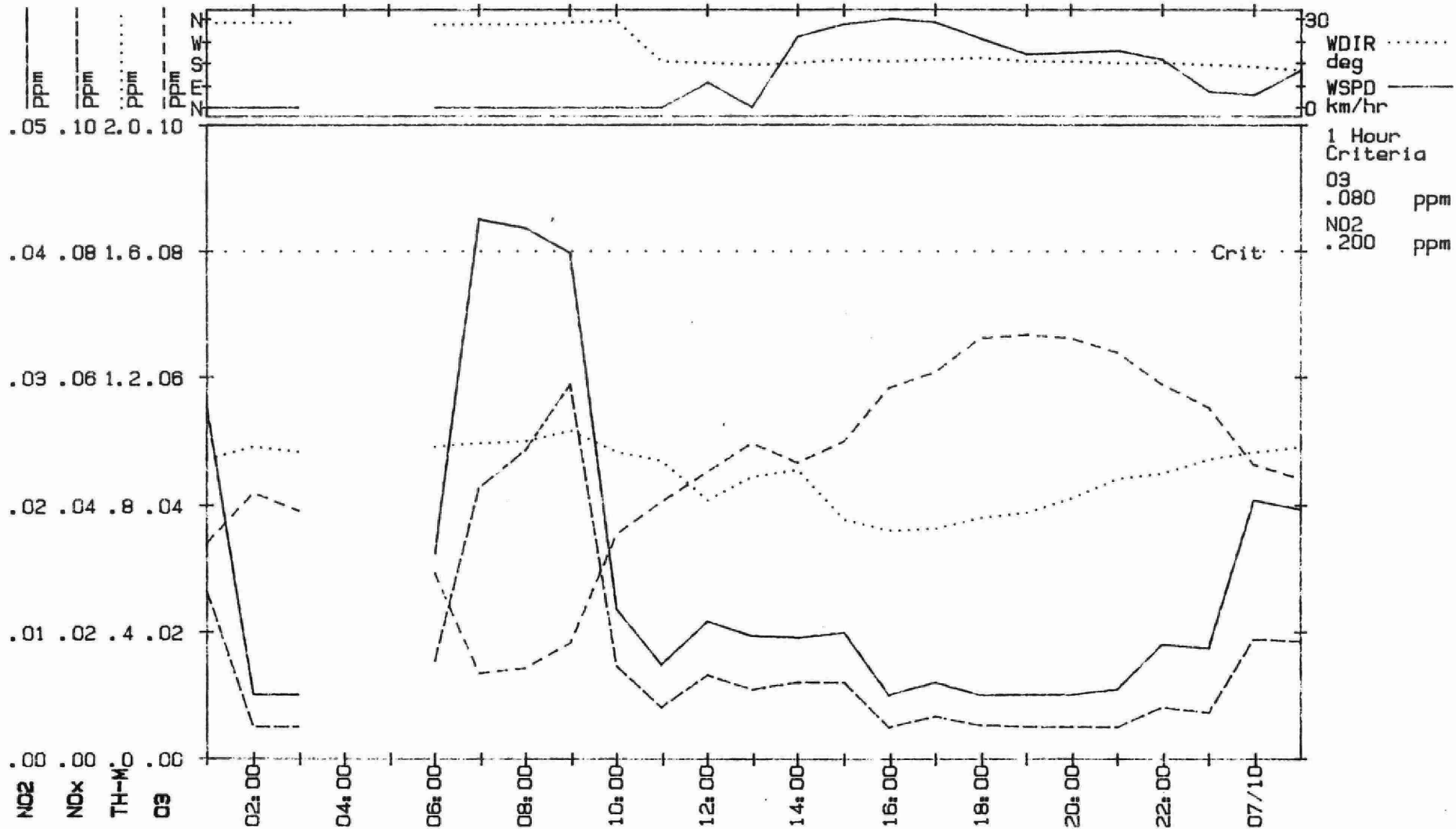
.000	.000	.000	.005	.045	.065	.096	.108	.069	.084	.039	.030	.000	.000	SRAD	W/cm^2
13	12	11	12	18	23	26	26	26	25	24	24	20	19	TEMP	d C
91	88	93	86	69	52	97	37	38	44	49	49	58	66	HUM	%-rel
1020	1020	1021	1022	1022	1022	1022	1022	1022	1020	1019	1020	1020	1019	BAR	mbar-mel



SARNIA_84: 000B

Start: 84/07/08 23:59 Scan: 300 sec. Ave: 80.00 min.
Loc: Courtright - MOE Station ... all acquired data

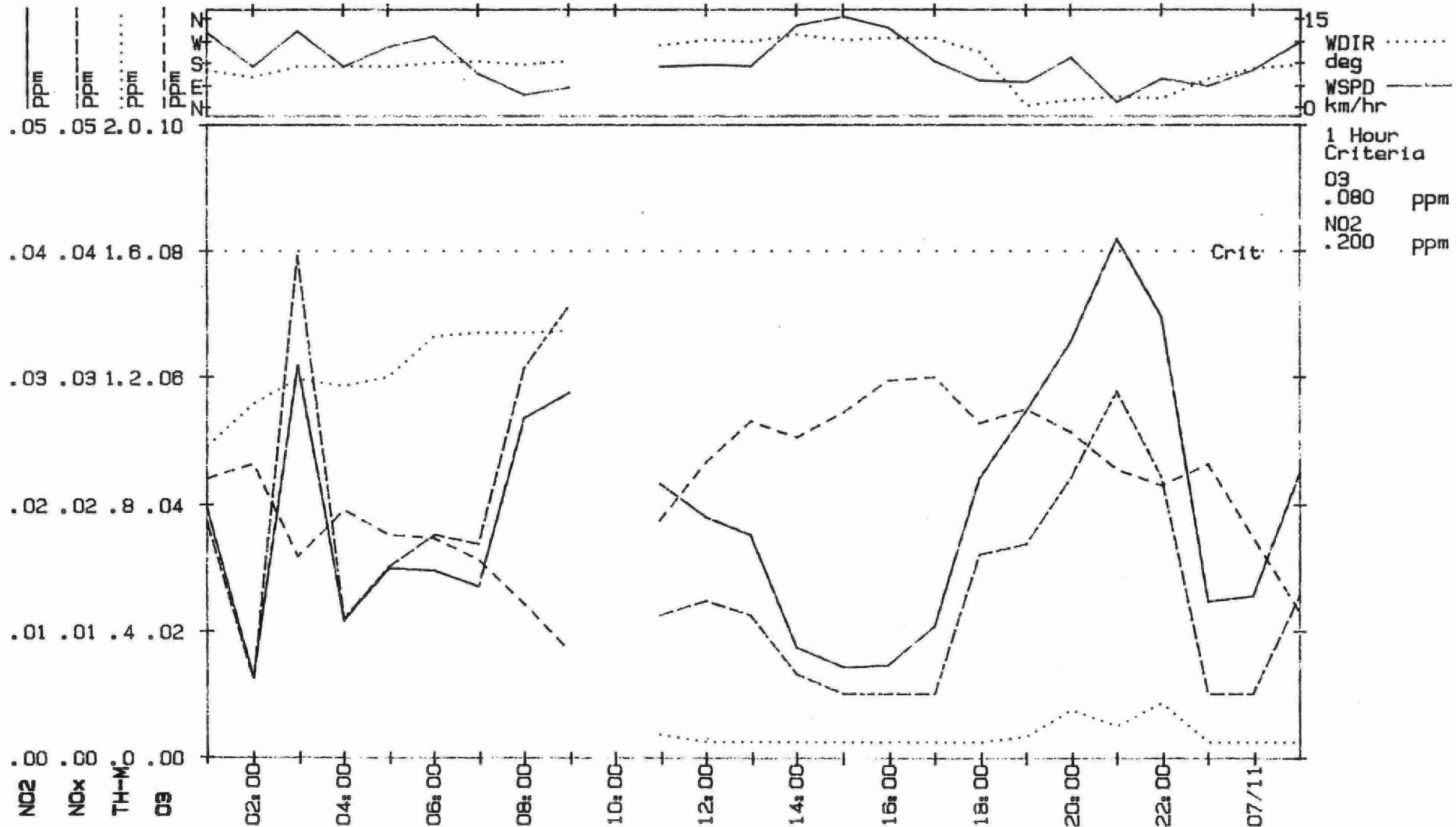
.000	--	--	.000	.020	.029	.022	.066	.094	.070	.030	.008	.000	.000	SRAD	W/cm^2
18	--	--	18	20	21	23	23	23	23	22	22	21	21	TEMP	d C
77	--	--	83	82	79	71	70	69	75	81	85	89	94	HUM	%-rel
1019	--	--	1019	1018	1018	1018	1016	1015	1014	1015	1014	1013	1013	BAR	mbar-mel



SARNIA_84: 000B

Start: 84/07/09 23:59 Scan: 300 sec. Ave: 60.00 min.
Loc: Courtright - MOE Station ... all acquired data

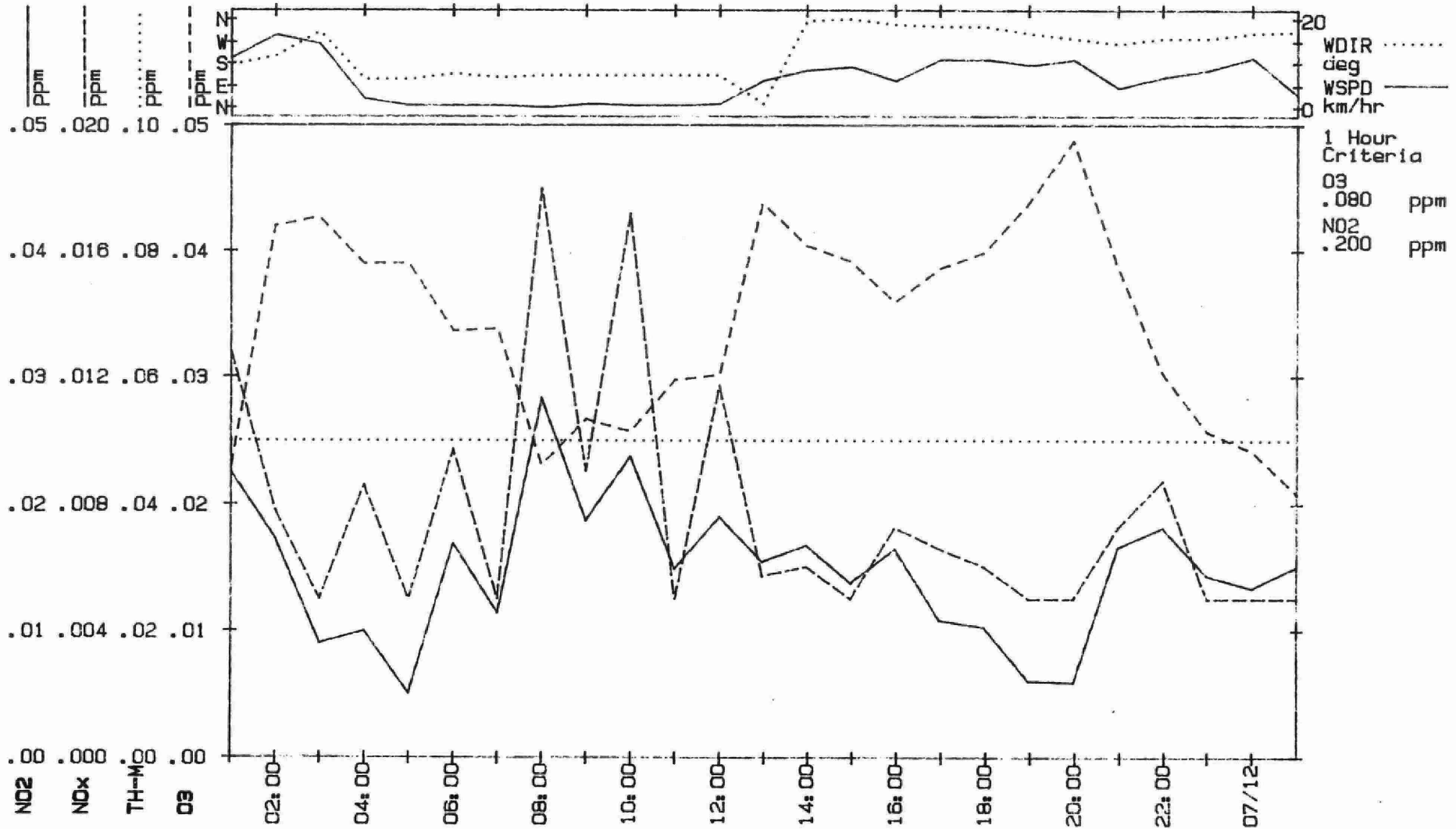
.000		.000		.002		.010		.062		.040		.061		.069		.025		.017		.000		.000		SRAD	W/cm^2
20	21	20	20	20	21	21	21	30	30	31	30	31	33	33	33	30	28	24	23	24	23	23	TEMP	d C	
100	100	100	100	100	100	100	100	76	68	67	64	73	79	92	100	100	100	100	100	100	100	100	HUM	%-rel	
1012	1010	1010	1010	1010	1010	1010	1011	1011	1011	1011	1009	1008	1008	1008	1008	1008	1008	1008	1007	1007	1007	1007	BAR	mbar-mel	



SARNIA_84: 000B

Start: 84/07/10 23:59 Scan: 300 sec. Ave: 80.00 min.
Loc: Courtright - MOE Station ... all acquired data

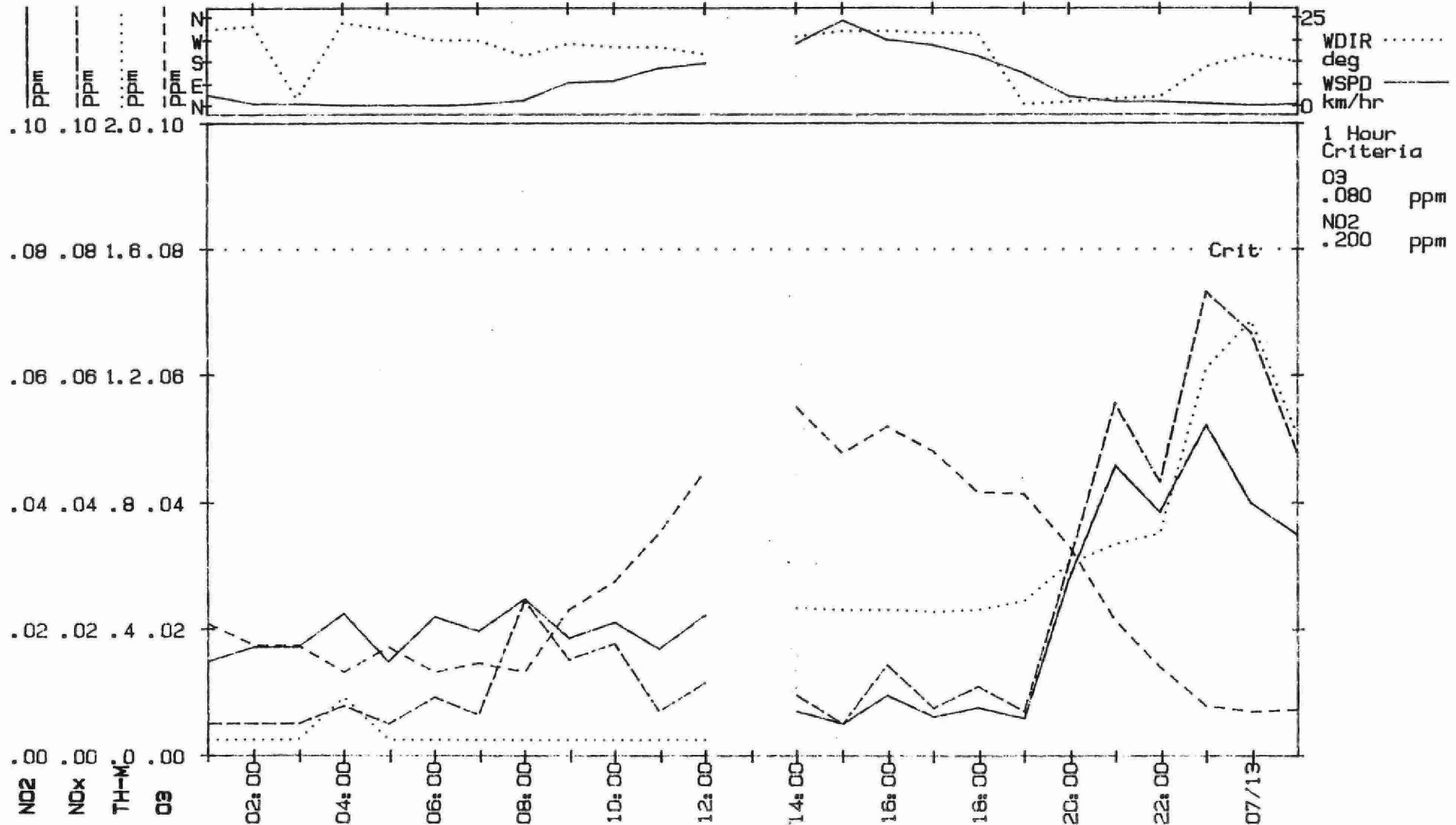
.000	.000	.000	.001	.009	.010	.012	.007	.040	.074	.042	.008	.000	.000	SRAD	W/cm ²
26	22	22	22	23	24	23	21	22	25	26	25	23	22	TEMP	d C
88	100	98	98	99	94	97	100	89	77	71	81	83	73	HUM	%-rel
1006	1005	1003	1004	1005	1005	1005	1007	1008	1007	1008	1008	1009	1010	BAR	mbar-mel



SARNIA_84: 000B

Start: 84/07/11 23:59 Scan: 300 sec. Ave: 60.00 min.
Loc: Courtright - MOE Station, ... all acquired data

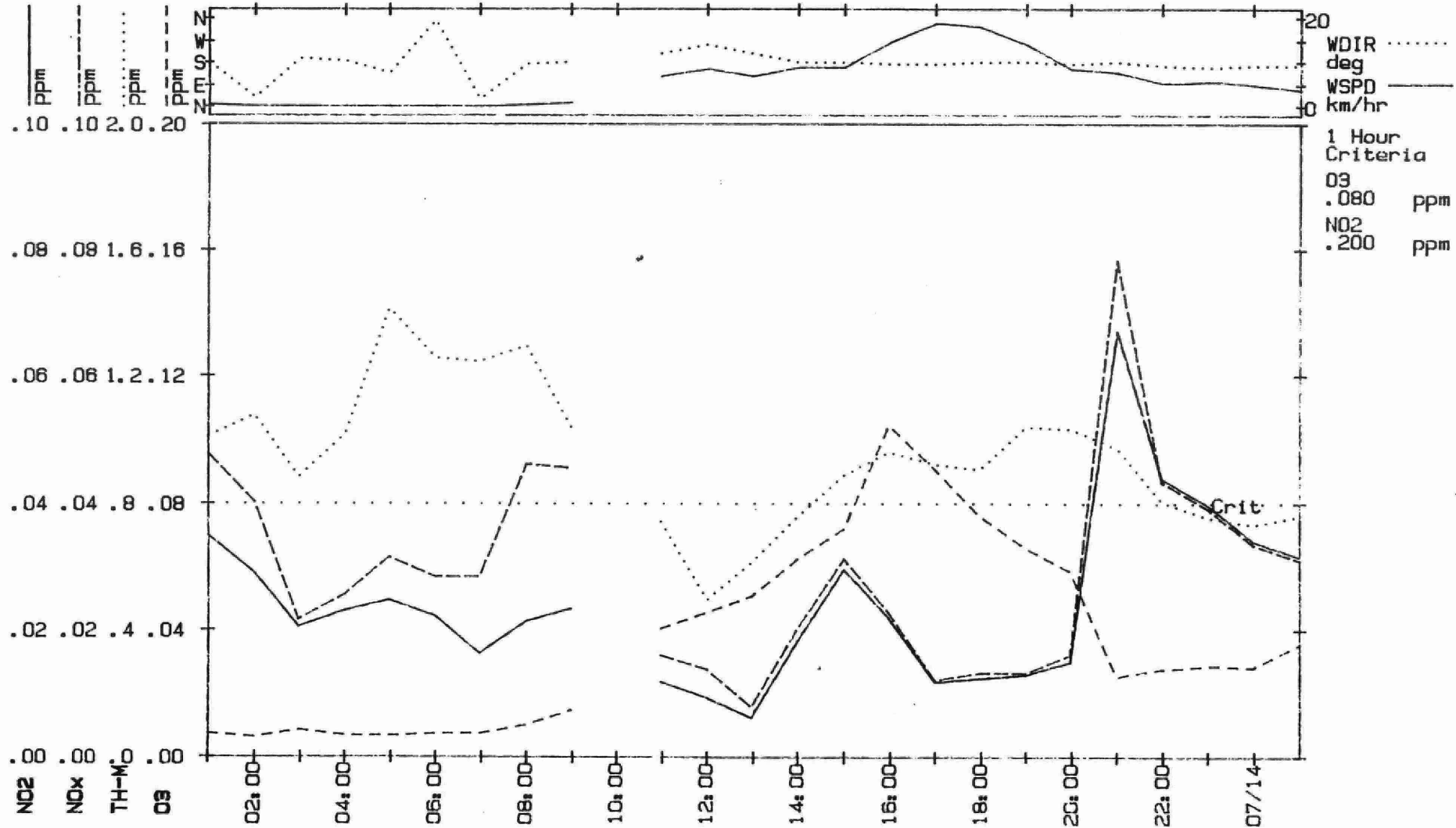
.000	.000	.000	.005	.041	.059	.090	.101	.108	.085	.018	.015	.000	.000	SRAD	W/cm^2
19	18	17	17	23	26	28	31	31	31	28	27	24	20	TEMP	d C
85	89	92	93	78	70	65	50	44	44	59	62	80	97	HUM	%-rel
1011	1011	1011	1012	1013	1013	1012	1012	1012	1012	1012	1012	1013	1014	BAR	mbar-mel



SARNIA_84: 000B

Start: 84/07/12 23:59 Scan: 300 sec. Ave: 80.00 min.
Loc: Courtright - MOE Station ... all acquired data

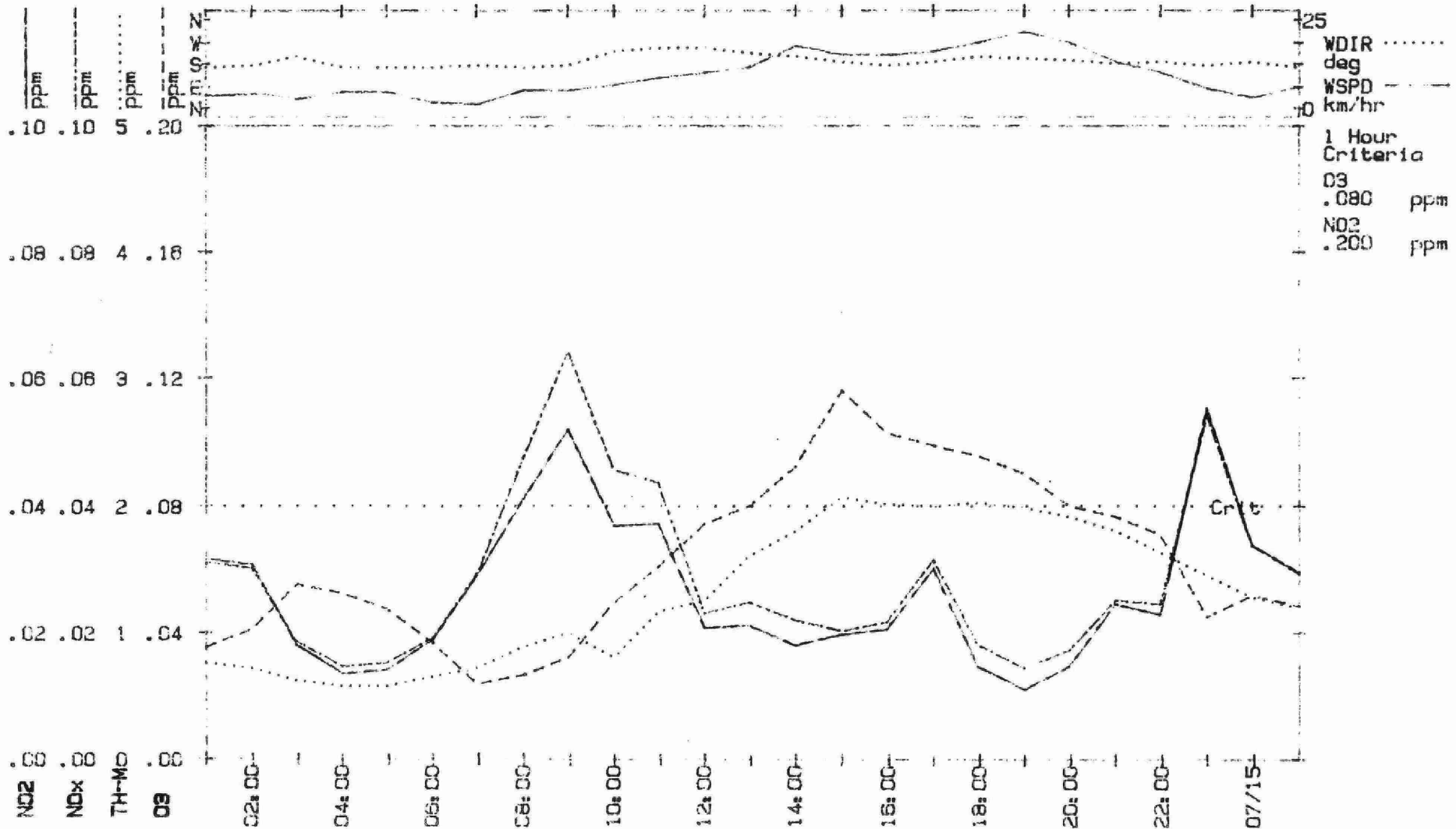
.000	.000	.000	.004	.038	--	.090	.103	.093	.073	.042	.021	.000	.000	SRAD	W/cm^2
18	18	17	17	22	--	32	31	30	30	29	27	24	21	TEMP	d C
100	100	100	100	92	--	46	49	49	52	56	61	75	90	HUM	%-rel
1015	1015	1015	1015	1017	--	1017	1017	1018	1016	1015	1015	1016	1017	BAR	mbar-mel



SARNIA_84: 000B

Start: 84/07/13 23:59 Scan: 300 sec. Ave: 60.00 min.
Loc: Courtright - MOE Station ... all acquired data

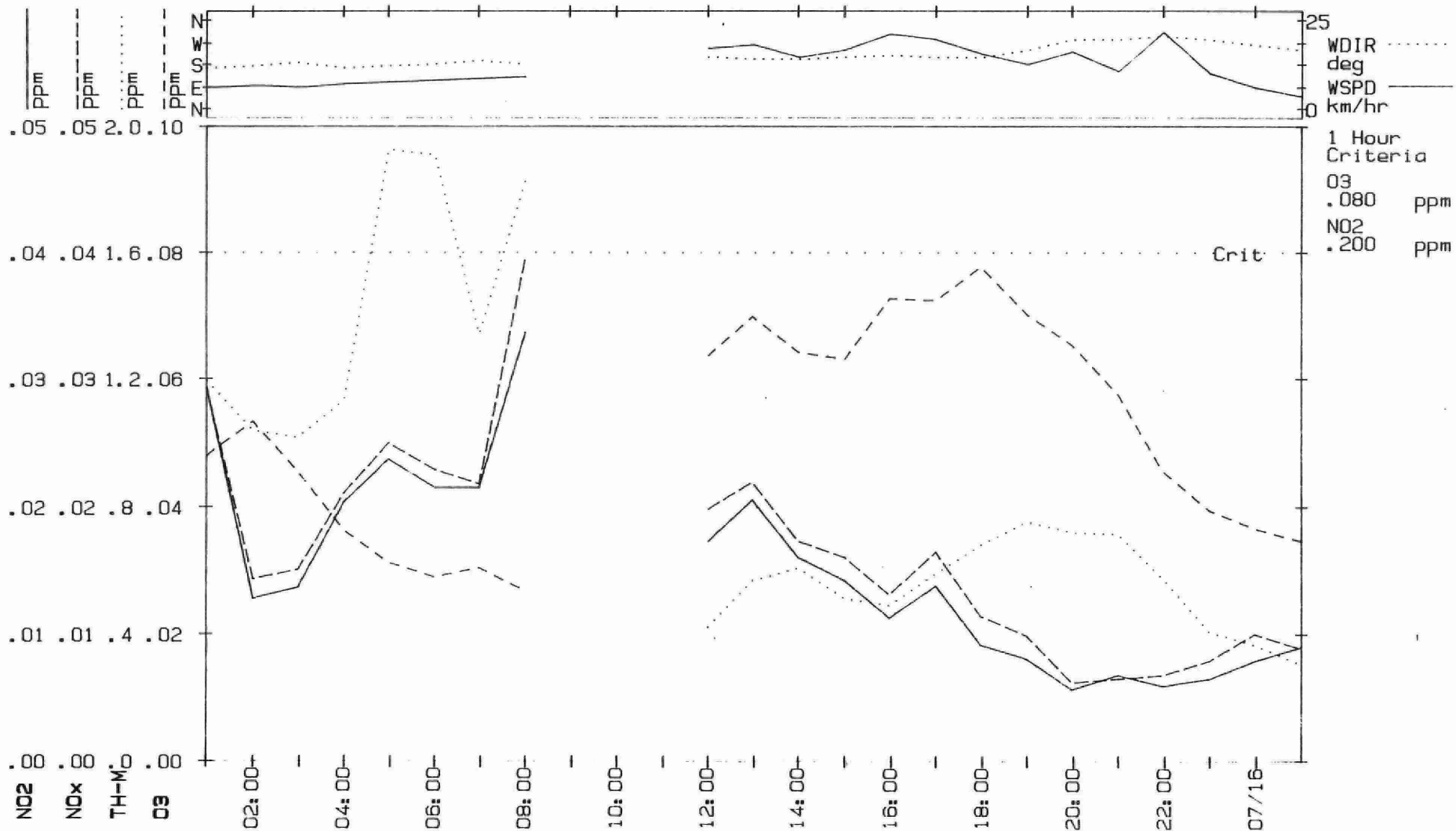
.000		.000		.000		.003		.038		.055		.090		.105		.075		.079		.042		.021		.000		.000		SRAD	W/cm^2
21	21	21	20	24	29	34	33	31	31	30	29	28	24	24	28	24	24	28	24	28	24	24	28	24	24	28	24	TEMP	d C
89	93	98	100	88	72	49	49	54	56	58	81	73	85	85	73	85	85	73	85	85	73	85	85	73	85	85	HUM	%-rel	
1018	1018	1018	1018	1018	1018	1019	1019	1018	1017	1018	1015	1018	1018	1018	1018	1018	1018	1018	1018	1018	1018	1018	1018	1018	1018	1018	BAR	mbar-mel	



SARNIA_84: 000B

Start: 84/07/14 23:59 Scan: 300 sec. Ave: 60.00 min.
Loc: Courtright - MOE Station ... all acquired data

.000	.000	.000	.002	--	--	.065	.011	.037	.057	.036	.021	.000	.000	SRAD	W/cm^2
23	23	23	23	--	--	28	26	27	28	29	30	27	22	TEMP	d C
85	89	91	92	--	--	75	80	76	72	68	58	54	66	HUM	%-rel
1015	1015	1015	1014	--	--	1012	1011	1010	1009	1008	1008	1009	1010	BAR	mbar-msl

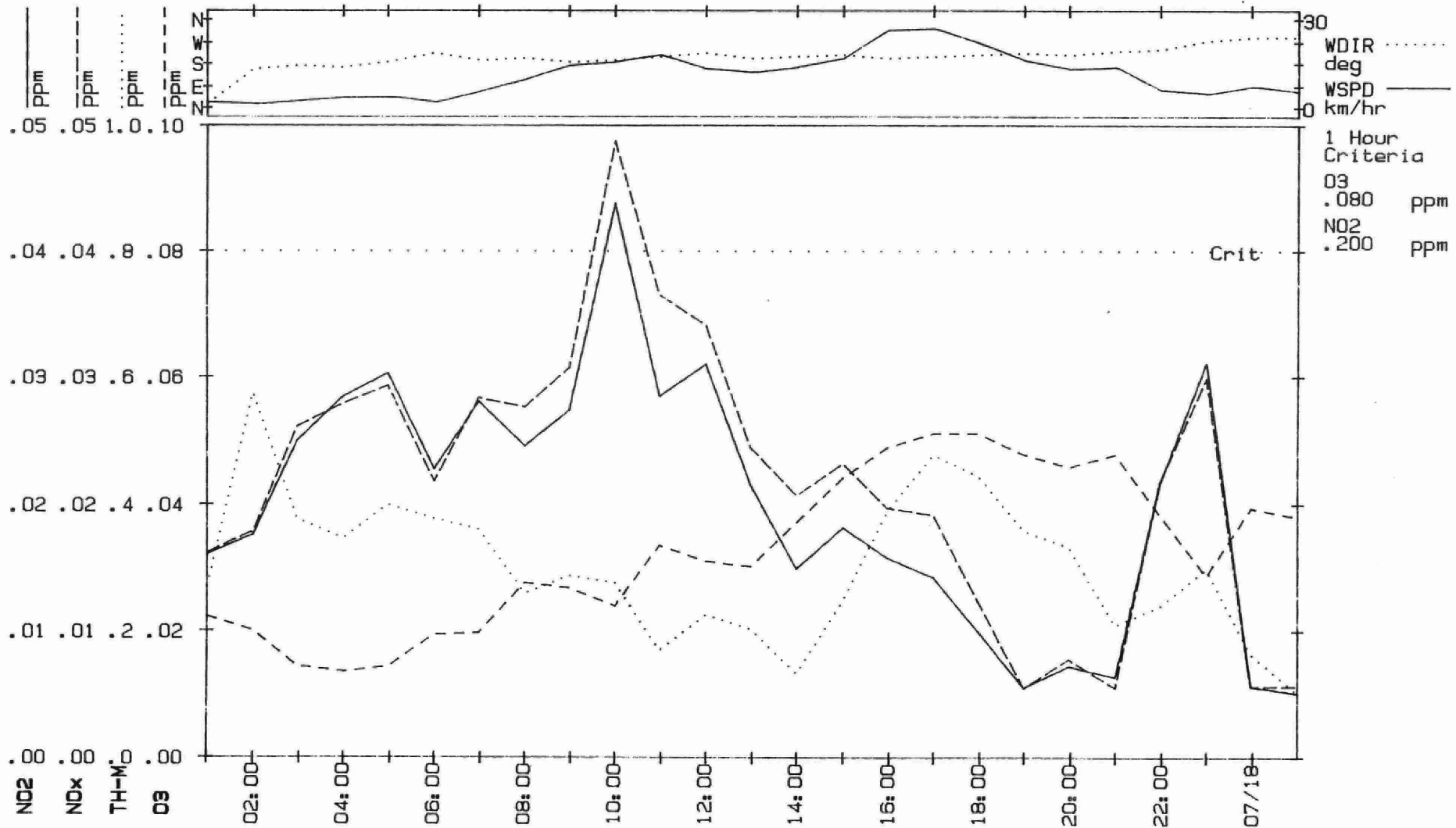


SARNIA_84:000B

Start: 84/07/16 23:59 Scan: 300 sec. Ave: 80.00 min.

Loc: Courtright - MOE Station ... all acquired data

.000	.000	.000	.003	.016	.015	.016	.076	.079	.038	.032	.006	.000	.000	SRAD	W/cm ²
16	17	17	17	21	4	22	22	25	24	23	21	20	19	TEMP	d C
86	90	94	91	78	61	72	82	73	75	74	84	91	73	HUM	%-rel
1010	1009	1008	1008	1008	994	1007	1006	1005	1004	1003	1004	1005	1006	BAR	mbar-msl

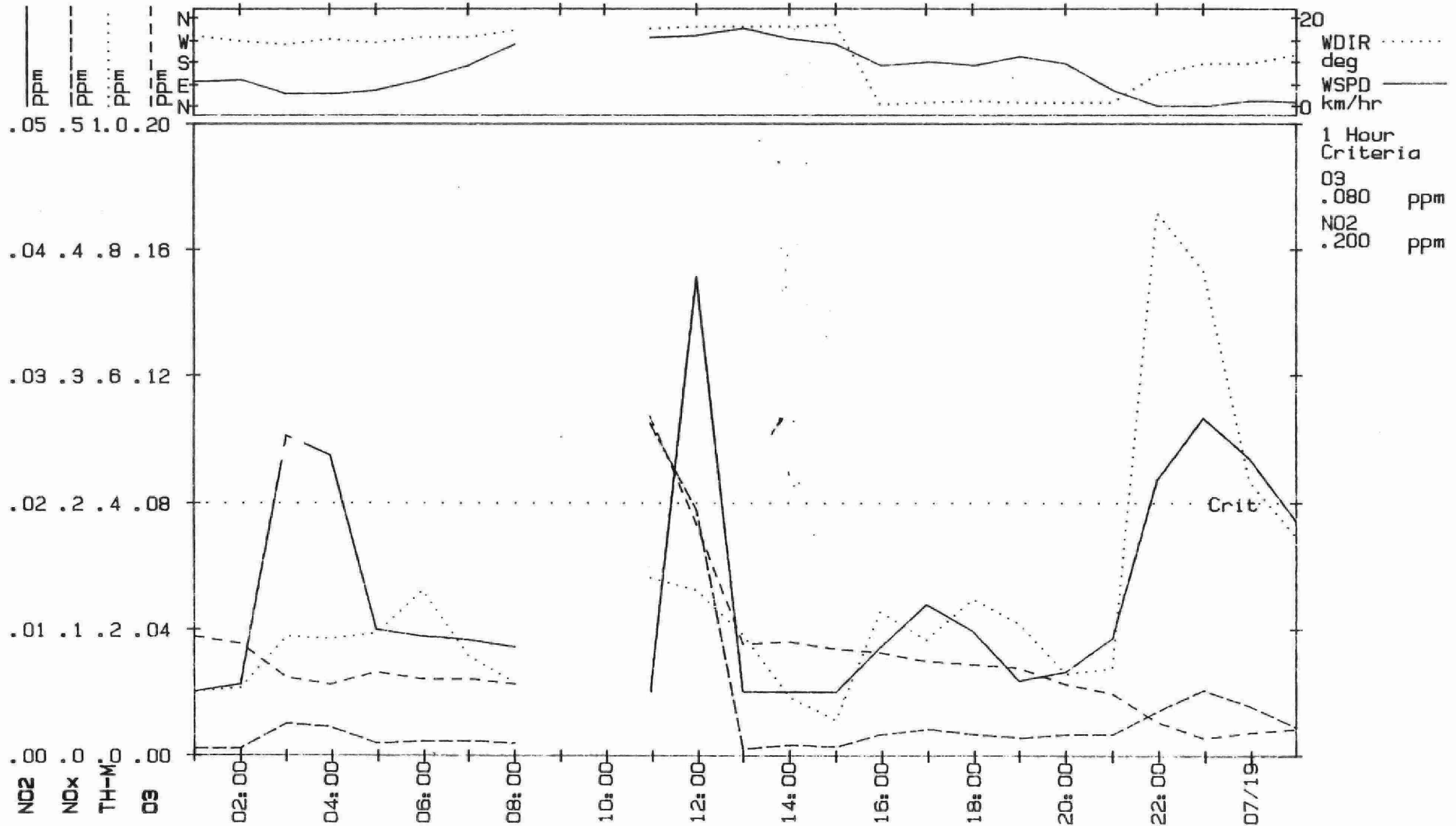


SARNIA_84: 000B

Start: 84/07/17 23:59 Scan: 300 sec. Ave: 60.00 min.
Loc: Courtright - MOE Station ... all acquired data

.000	.000	.000	.002	--	--	.062	.057	.067	.035	.036	.026	.000	.000
17	15	14	15	--	--	20	22	22	23	22	22	16	15
78	86	89	89	--	--	67	65	65	69	75	68	85	96
1006	1006	1005	1006	--	--	1009	1010	1010	1011	1012	1013	1014	1015

SRAD	W/cm^2
TEMP	d C
HUM	%-rel
BAR	mbar-msl



SARNIA OXIDANT STUDY - June and July, 1984

MAMU#3 (TAGA) RESULTS OF AMBIENT AIR SAMPLING AT COURTRIGHT

EXPLANATION OF TABLE PARAMETERS

TAGA RESULTS

TIME - STANDARD TIME

WIND SP. - HALF-HOUR AVERAGE (km/hr)

A. TEMP. - AMBIENT AIR TEMPERATURE - HALF-HOUR AVERAGE (DEGREES CELSIUS)

DET LIM - DETECTION LIMIT (3 X STANDARD DEVIATION OF BACKGROUND, DIVIDED BY
THE SENSITIVITY TAKEN THAT DAY)

BDL - BELOW DETECTION LIMIT

—— - NO DATA ACQUIRED

TAGA RESULTS

SARNIA OXIDANT STUDY 1984

DATE JUNE 28 1984

CHEMICAL	1ST SET	2ND SET	3RD SET	4TH SET		
ALDEHYDES	FILE NAME	SAR30				
	BKD. FILE	SAR29				
	TIME	11:53-12:23				
	WIND DIR.	WNW				
	WIND SP.	25				
	A. TEMP.	25				
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	PROPANAL	0.4 0.9				PPB ug/m3
	BUTANAL	BDL BDL				0.1 0.2
	PENTANAL	BDL BDL				0.2 0.6
						0.3 1.1
KETONES	FILE NAME	SAR31				
	BKD. FILE	SAR32				
	TIME	13:02-13:32				
	WIND DIR.	WNW				
	WIND SP.	27				
	A. TEMP.	26				
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	ACETONE	1.3 3.1				PPB ug/m3
	MEK	BDL BDL				0.5 1.2
	MPK	BDL BDL				0.1 0.3
	CYCLOHEXANONE	BDL BDL				0.1 0.4
	MIBK	BDL BDL				0.0 0.0
						0.1 0.4
ACETATES	FILE NAME	SAR34				
	BKD. FILE	SAR33				
	TIME	14:15-14:45				
	WIND DIR.	W				
	WIND SP.	25				
	A. TEMP.	27				
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	METHYL ACETATE	BDL BDL				PPB ug/m3
	ETHYL ACETATE	BDL BDL				0.4 1.2
	PROPYL ACETATE	BDL BDL				0.2 0.7
	BUTYL ACETATE	BDL BDL				0.4 1.7
						0.3 1.4
ALCOHOLS	FILE NAME					
	BKD. FILE					
	TIME					
	WIND DIR.					
	WIND SP.					
	A. TEMP.					
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	METHANOL					PPB ug/m3
	ETHANOL					— —
	PROPANOL					— —
	BUTANOL					— —

TAGA RESULTS

SARNIA OXIDANT STUDY 1984

DATE JUNE 29 1984

CHEMICAL	1ST SET	2ND SET	3RD SET	4TH SET		
ALDEHYDES	FILE NAME	SAR36				
	BKD. FILE	SAR38				
	TIME	08:58-09:28				
	WIND DIR.	N				
	WIND SP.	15				
	A. TEMP.	19				
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	PROPANAL	BDL BDL				PPB ug/m3
	BUTANAL	BDL BDL				0.2 0.5
	PENTANAL	BDL BDL				0.5 1.5
						0.5 1.8
KETONES	FILE NAME	SAR35				
	BKD. FILE	SAR39				
	TIME	08:23-08:53				
	WIND DIR.	NNE				
	WIND SP.	15				
	A. TEMP.	20				
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	ACETONE	BDL BDL				PPB ug/m3
	MEK	BDL BDL				0.7 1.7
	MPK	BDL BDL				0.2 0.6
	CYCLOHEXANONE	BDL BDL				0.2 0.7
	MIBK	BDL BDL				0.1 0.4
						0.3 1.2
ACETATES	FILE NAME	SAR37				
	BKD. FILE	SAR40				
	TIME	09:32-10:02				
	WIND DIR.	N				
	WIND SP.	14				
	A. TEMP.	20				
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	METHYL ACETATE	BDL BDL				PPB ug/m3
	ETHYL ACETATE	BDL BDL				0.7 2.1
	PROPYL ACETATE	BDL BDL				0.4 1.4
	BUTYL ACETATE	BDL BDL				0.5 2.1
						0.6 2.8
ALCOHOLS	FILE NAME					
	BKD. FILE					
	TIME					
	WIND DIR.					
	WIND SP.					
	A. TEMP.					
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	METHANOL					PPB ug/m3
	ETHANOL					
	PROPANOL					
	BUTANOL					

TAGA RESULTS

SARNIA OXIDANT STUDY 1984

DATE JULY 03 1984

CHEMICAL	1ST SET	2ND SET	3RD SET	4TH SET		
ALDEHYDES	FILE NAME SAR48					
	BKD. FILE SAR55					
	TIME 10:28-10:58					
	WIND DIR. SSW					
	WIND SP. 18					
	A. TEMP. 29					
	RESULTS PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET	LIM
	PROPANAL 4.9 12				PPB	ug/m3
	BUTANAL 1.5 4.4				0.4	0.9
	PENTANAL 1.5 5.3				0.2	0.6
					0.3	1.1
KETONES	FILE NAME SAR46					
	BKD. FILE SAR54					
	TIME 09:25-09:55					
	WIND DIR. SW					
	WIND SP. 10					
	A. TEMP. 28					
	RESULTS PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET	LIM
	ACETONE BDL BDL				PPB	ug/m3
	MEK 1.2 3.5				17	40
	MPK 0.6 2.1				0.1	0.3
	CYCLOHEXANONE 0.4 1.6				0.1	0.4
	MIBK 0.3 1.2				0.1	0.4
ACETATES	FILE NAME SAR47					
	BKD. FILE SAR53					
	TIME 09:56-10:26					
	WIND DIR. SW					
	WIND SP. 14					
	A. TEMP. 28					
	RESULTS PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET	LIM
	METHYL ACETATE BDL BDL				PPB	ug/m3
	ETHYL ACETATE 0.4 1.4				0.4	1.2
	PROPYL ACETATE BDL BDL				0.2	0.7
	BUTYL ACETATE 0.4 1.9				0.2	0.8
					0.3	1.4
ALCOHOLS	FILE NAME SAR49					
	BKD. FILE SAR52					
	TIME 11:04-11:34					
	WIND DIR. SW					
	WIND SP. 18					
	A. TEMP. 29					
	RESULTS PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET	LIM
	METHANOL 4.0 5.2				PPB	ug/m3
	ETHANOL 2.3 4.3				1.7	2.2
	PROPANOL BDL BDL				2.1	3.9
	BUTANOL BDL BDL				4.1	10
					2.1	6.4

TAGA RESULTS

SARNIA OXIDANT STUDY 1984

DATE JULY 04 1984

CHEMICAL	1ST SET	2ND SET	3RD SET	4TH SET		
ALDEHYDES	FILE NAME SAR65					
	BKD. FILE SAR70					
	TIME 08:13-08:43					
	WIND DIR. W					
	WIND SP. 07					
	A. TEMP. 24					
	RESULTS PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET	LIM
	PROPANAL 1.1 2.6				PPB	ug/m3
	BUTANAL 1.3 3.8				0.2	0.5
	PENTANAL 1.4 4.9				0.2	0.6
					0.5	1.8
KETONES	FILE NAME SAR66					
	BKD. FILE SAR69					
	TIME 08:46-09:16					
	WIND DIR. W					
	WIND SP. 03					
	A. TEMP. 26					
	RESULTS PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET	LIM
	ACETONE BDL BDL				PPB	ug/m3
	MEK 1.1 3.2				5.8	14
	MPK 0.8 2.8				0.2	0.6
	CYCLOHEXANONE 0.6 2.4				0.1	0.4
	MIBK 1.2 4.9				0.1	0.4
					0.2	0.8
ACETATES	FILE NAME SAR67					
	BKD. FILE SAR68					
	TIME 09:18-09:48					
	WIND DIR. WNW					
	WIND SP. 02					
	A. TEMP. 28					
	RESULTS PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET	LIM
	METHYL ACETATE BDL BDL				PPB	ug/m3
	ETHYL ACETATE BDL BDL				0.6	1.8
	PROPYL ACETATE BDL BDL				0.3	1.1
	BUTYL ACETATE 1.4 6.6				0.4	1.7
					0.4	1.9
ALCOHOLS	FILE NAME SAR67					
	BKD. FILE SAR68					
	TIME 09:18-09:48					
	WIND DIR. WNW					
	WIND SP. 02					
	A. TEMP. 28					
	RESULTS PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET	LIM
	METHANOL 10 13				PPB	ug/m3
	ETHANOL BDL BDL				1.9	2.5
	PROPANOL 14 34				2.7	5.1
	BUTANOL BDL BDL				3.3	8.1
					3.4	10

TAGA RESULTS

SARNIA OXIDANT STUDY 1984

DATE JULY 05 1984

CHEMICAL	1ST SET	2ND SET	3RD SET	4TH SET		
ALDEHYDES	FILE NAME	SAR75	SAR78			
	BKD. FILE	SAR74	SAR74			
	TIME	09:09-09:39	12:38-13:08			
	WIND DIR.	NW	S			
	WIND SP.	01	30			
	A. TEMP.	25	24			
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	PROPANAL	0.3 0.7	1.9 4.5			PPB ug/m3
	BUTANAL	0.6 1.8	3.6 11			0.1 0.2
	PENTANAL	BDL BDL	4.3 15			0.2 0.6
						0.8 2.8
KETONES	FILE NAME	SAR76	SAR79			
	BKD. FILE	SAR72	SAR72			
	TIME	09:41-10:11	13:11-13:41			
	WIND DIR.	NW	S			
	WIND SP.	03	23			
	A. TEMP.	24	26			
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	ACETONE	BDL BDL	BDL BDL			PPB ug/m3
	MEK	1.5 4.4	1.4 4.1			1.0 2.4
	MPK	0.6 2.1	0.6 2.1			0.1 0.3
	CYCLOHEXANONE	2.0 8.0	0.8 3.2			0.1 0.4
	MIBK	1.7 7.0	1.2 4.9			0.1 0.4
ACETATES	FILE NAME	SAR77				
	BKD. FILE	SAR73				
	TIME	10:12-10:42				
	WIND DIR.	WNW				
	WIND SP.	02				
	A. TEMP.	28				
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	METHYL ACETATE	BDL BDL				PPB ug/m3
	ETHYL ACETATE	BDL BDL				0.4 1.2
	PROPYL ACETATE	0.8 3.3				0.2 0.7
	BUTYL ACETATE	1.6 7.6				0.3 1.3
						0.3 1.4
ALCOHOLS	FILE NAME	SAR77				
	BKD. FILE	SAR73				
	TIME	10:12-10:42				
	WIND DIR.	WNW				
	WIND SP.	02				
	A. TEMP.	28				
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	METHANOL	13 17				PPB ug/m3
	ETHANOL	17 32				3.4 4.5
	PROPANOL	6.5 16				2.7 5.1
	BUTANOL	BDL BDL				2.2 5.4
						4.0 12

TAGA RESULTS

SARNIA OXIDANT STUDY 1984

DATE JULY 07 1984

CHEMICAL	1ST SET	2ND SET	3RD SET	4TH SET		
ALDEHYDES	FILE NAME	SAR83	SAR86			
	BKD. FILE	SAR82	SAR82			
	TIME	08:09-08:39	11:18-11:48			
	WIND DIR.	WNW	NNW			
	WIND SP.	35	18			
	A. TEMP.	14	18			
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	PROPANAL	BDL BDL	0.3 0.7			PPB ug/m3
	BUTANAL	BDL BDL	BDL BDL			0.2 0.5
	PENTANAL	BDL BDL	1.0 3.5			0.4 1.2
KETONES	FILE NAME	SAR84	SAR87			
	BKD. FILE	SAR80	SAR80			
	TIME	08:45-09:15	12:04-12:34			
	WIND DIR.	NW	NW			
	WIND SP.	31	20			
	A. TEMP.	15	17			
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	ACETONE	BDL BDL	BDL BDL			PPB ug/m3
	MEK	BDL BDL	BDL BDL			0.3 0.7
	MPK	BDL BDL	0.3 1.1			0.1 0.3
CYCLOHEXANONE	BDL BDL	0.1 0.4				0.0 0.0
	MIBK	BDL BDL	0.1 0.4			0.0 0.0
ACETATES	FILE NAME	SAR85	SAR88			
	BKD. FILE	SAR81	SAR81			
	TIME	09:18-09:48	12:36-13:06			
	WIND DIR.	NW	NW			
	WIND SP.	32	13			
	A. TEMP.	15	19			
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	METHYL ACETATE	BDL BDL	BDL BDL			PPB ug/m3
	ETHYL ACETATE	BDL BDL	BDL BDL			0.1 0.3
	PROPYL ACETATE	BDL BDL	BDL BDL			0.1 0.4
BUTYL ACETATE	BDL BDL	BDL BDL				0.1 0.4
						0.1 0.5
ALCOHOLS	FILE NAME	SAR85	SAR88			
	BKD. FILE	SAR81	SAR81			
	TIME	09:18-09:48	12:36-13:06			
	WIND DIR.	NW	NW			
	WIND SP.	32	13			
	A. TEMP.	15	19			
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	METHANOL	1.6 2.1	2.1 2.8			PPB ug/m3
	ETHANOL	5.1 9.6	5.7 11			0.8 1.0
	PROPANOL	1.6 3.9	2.1 5.1			0.5 0.9
BUTANOL	BDL BDL	BDL BDL				1.2 2.9
						0.5 1.5

TAGA RESULTS

SARNIA OXIDANT STUDY 1984

DATE JULY 08 1984

CHEMICAL	1ST SET	2ND SET	3RD SET	4TH SET		
ALDEHYDES	FILE NAME SAR93	SAR96	SAR101	SAR102		
	BKD. FILE SAR91	SAR91	SAR91	SAR91		
	TIME 08:25-08:55	11:29-11:59	14:16-14:46	14:55-15:25		
	WIND DIR. WINW	W	S	SSE		
	WIND SP. 01	04	09	10		
	A. TEMP. 23	26	26	26		
	RESULTS PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET	LIM
	PROPANAL 0.3 0.7	0.4 0.9	0.7 1.7	0.5 1.2	PPB	ug/m3
	BUTANAL 0.6 1.8	0.8 2.4	0.9 2.6	1.0 2.9	0.1	0.2
	PENTANAL 0.9 3.2	1.3 4.6	1.3 4.6	1.5 5.3	0.3	0.9
					0.2	0.7
KETONES	FILE NAME SAR94	SAR97	SAR100	SAR103		
	BKD. FILE SAR89	SAR89	SAR89	SAR89		
	TIME 08:56-09:26	12:02-12:32	13:42-14:12	15:28-15:58		
	WIND DIR. WINW	WINW	N	SSW		
	WIND SP. 02	07	04	10		
	A. TEMP. 24	26	26	26		
	RESULTS PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET	LIM
	ACETONE 0.3 0.7	BDL BDL	BDL BDL	0.3 0.7	PPB	ug/m3
	MEK BDL BDL	BDL BDL	BDL BDL	0.3 0.9	0.2	0.5
	MPK 0.1 0.4	0.1 0.4	0.1 0.4	0.2 0.7	0.1	0.3
	CYCLOHEXANONE 0.1 0.4	0.1 0.4	0.1 0.4	0.3 1.2	0.0	0.0
	MIBK 0.2 0.8	0.3 1.2	0.2 0.8	0.4 1.6	0.0	0.0
ACETATES	FILE NAME SAR95	SAR98	SAR99	SAR104		
	BKD. FILE SAR90	SAR90	SAR90	SAR90		
	TIME 09:28-09:58	12:34-13:04	13:09-13:39	16:11-16:39		
	WIND DIR. NNW	NW	WINW	S		
	WIND SP. 04	04	04	18		
	A. TEMP. 25	27	25	25		
	RESULTS PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET	LIM
	METHYL ACETATE 0.2 0.6	0.2 0.6	0.2 0.6	0.2 0.6	PPB	ug/m3
	ETHYL ACETATE BDL BDL	BDL BDL	BDL BDL	BDL BDL	0.1	0.3
	PROPYL ACETATE BDL BDL	BDL BDL	BDL BDL	BDL BDL	0.1	0.4
	BUTYL ACETATE 0.2 0.9	0.2 0.9	0.2 0.9	0.3 1.4	0.1	0.4
					0.1	0.5
ALCOHOLS	FILE NAME SAR95	SAR98	SAR99	SAR104		
	BKD. FILE SAR90	SAR90	SAR90	SAR90		
	TIME 09:28-09:58	12:34-13:04	13:09-13:39	16:11-16:39		
	WIND DIR. NNW	NW	WINW	S		
	WIND SP. 04	04	04	18		
	A. TEMP. 25	27	25	25		
	RESULTS PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET	LIM
	METHANOL 3.0 3.9	3.4 4.5	2.9 3.8	2.2 2.9	PPB	ug/m3
	ETHANOL 4.9 9.2	5.5 10	4.8 9.0	4.4 8.3	0.7	0.9
	PROPANOL 4.1 10	3.0 7.4	2.5 6.1	3.2 7.8	0.5	0.9
	BUTANOL 0.9 2.7	1.1 3.3	0.8 2.4	1.0 3.0	1.0	2.5
					0.6	1.8

TAGA RESULTS

SARNIA OXIDANT STUDY 1984

DATE JULY 09 1984

CHEMICAL		1ST SET	2ND SET	3RD SET	4TH SET		
ALDEHYDES	FILE NAME	SAR108					
	BKD. FILE	SAR107					
	TIME	08:35-09:05					
	WIND DIR.	S					
	WIND SP.	22					
	A. TEMP.	21					
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET	LIM
	PROPANAL	0.3 0.7				PPB	ug/m3
	BUTANAL	0.4 1.2				0.1	0.2
	PENTANAL	0.7 2.5				0.3	0.9
KETONES	FILE NAME	SAR109				0.0	0.0
	BKD. FILE	SAR105					
	TIME	10:10-10:40					
	WIND DIR.	S					
	WIND SP.	25					
	A. TEMP.	22					
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET	LIM
	ACETONE	0.4 0.9				PPB	ug/m3
	MEK	0.2 0.6				0.2	0.5
	MPK	0.1 0.4				0.1	0.3
CYCLOHEXANONE		0.2 0.8				0.0	0.0
	MIBK	0.3 1.2				0.0	0.0
ACETATES	FILE NAME	SAR110					
	BKD. FILE	SAR106					
	TIME	10:42-11:12					
	WIND DIR.	S					
	WIND SP.	25					
	A. TEMP.	21					
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET	LIM
	METHYL ACETATE	BDL BDL				PPB	ug/m3
	ETHYL ACETATE	BDL BDL				0.2	0.6
	PROPYL ACETATE	BDL BDL				0.1	0.4
ALCOHOLS		BDL BDL				0.1	0.4
	FILE NAME	SAR110				0.1	0.5
	BKD. FILE	SAR106					
	TIME	10:42-11:12					
	WIND DIR.	S					
	WIND SP.	25					
	A. TEMP.	21					
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET	LIM
	METHANOL	2.1 2.8				PPB	ug/m3
	ETHANOL	3.9 7.3				0.8	1.0
		3.5 8.6				0.5	0.9
	PROPANOL					0.9	2.2
	BUTANOL	BDL BDL				0.7	2.1

TAGA RESULTS

SARNIA OXIDANT STUDY 1984

DATE JULY 13 1984

CHEMICAL	1ST SET	2ND SET	3RD SET	4TH SET		
ALDEHYDES	FILE NAME	SAR121				
	BKD. FILE	SAR122				
	TIME	15:17-15:47				
	WIND DIR.	S				
	WIND SP.	22				
	A. TEMP.	30				
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	PROPANAL	1.0 2.4				PPB ug/m3
	BUTANAL	1.3 3.8				0.1 0.2
	PENTANAL	2.0 7.0				0.2 0.6
						0.6 2.1
KETONES	FILE NAME	SAR119	SAR126			
	BKD. FILE	SAR123	SAR123			
	TIME	14:13-14:43	16:15-16:45			
	WIND DIR.	S	S			
	WIND SP.	18	22			
	A. TEMP.	30	29			
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	ACETONE	7.4 18	3.2 7.6			PPB ug/m3
	MEK	2.1 6.2	0.7 2.1			0.3 0.7
	MPK	1.2 4.2	0.3 1.1			0.1 0.3
	CYCLOHEXANONE	1.5 6.0	0.4 1.6			0.1 0.4
	MIBK	1.9 7.8	0.5 2.0			0.1 0.4
ACETATES	FILE NAME	SAR120				
	BKD. FILE	SAR124				
	TIME	14:45-15:15				
	WIND DIR.	S				
	WIND SP.	19				
	A. TEMP.	30				
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	METHYL ACETATE	0.5 1.5				PPB ug/m3
	ETHYL ACETATE	BDL BDL				0.4 1.2
	PROPYL ACETATE	BDL BDL				0.2 0.7
	BUTYL ACETATE	0.9 4.3				0.3 1.3
						0.3 1.4
ALCOHOLS	FILE NAME	SAR120				
	BKD. FILE	SAR124				
	TIME	14:45-15:15				
	WIND DIR.	S				
	WIND SP.	19				
	A. TEMP.	30				
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	METHANOL	3.8 5.0				PPB ug/m3
	ETHANOL	2.1 3.9				1.1 1.4
	PROPANOL	10 25				1.9 3.6
	BUTANOL	2.3 7.0				2.9 7.1
						2.2 6.7

TAGA RESULTS

SARNIA OXIDANT STUDY 1984

DATE JULY 14 1984

CHEMICAL	1ST SET	2ND SET	3RD SET	4TH SET		
ALDEHYDES	FILE NAME	SAR129	SAR132	SAR138		
	BKD. FILE	SAR133	SAR133	SAR133		
	TIME	09:17-09:47	11:45-12:15	13:58-14:28		
	WIND DIR.	SW	SW	SSE		
	WIND SP.	10	16	21		
	A. TEMP.	29	32	30		
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	PROPANAL	1.0 2.4	1.0 2.4	1.3 3.1		PPB ug/m3
	BUTANAL	1.4 4.1	1.6 4.7	2.2 6.5		0.1 0.2
	PENTANAL	1.7 6.0	2.0 7.0	2.8 10		0.3 0.9
KETONES	FILE NAME	SAR127	SAR130	SAR136	SAR139	
	BKD. FILE	SAR134	SAR134	SAR134	SAR134	
	TIME	08:07-08:37	10:38-11:08	12:47-13:17	14:34-15:04	
	WIND DIR.	SW	SW	SW	S	
	WIND SP.	09	11	19	18	
	A. TEMP.	26	32	32	32	
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	ACETONE	4.2 10	4.8 11	5.4 13	4.8 11	PPB ug/m3
	MEK	2.1 6.2	1.3 3.8	1.7 5.0	1.4 4.1	0.3 0.7
	MPK	1.0 3.5	0.6 2.1	0.9 3.2	0.8 2.8	0.1 0.3
CYCLOHEXANONE		1.2 4.8	1.3 5.2	1.5 6.0	1.5 6.0	0.1 0.4
		0.9 3.7	1.0 4.1	1.4 5.7	1.5 6.1	0.1 0.4
						0.1 0.4
ACETATES	FILE NAME	SAR128	SAR131	SAR137		
	BKD. FILE	SAR135	SAR135	SAR135		
	TIME	08:40-09:10	11:11-11:41	13:20-13:50		
	WIND DIR.	SW	SW	S		
	WIND SP.	09	14	22		
	A. TEMP.	27	31	30		
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	METHYL ACETATE	BDL BDL	BDL BDL	BDL BDL		PPB ug/m3
	ETHYL ACETATE	BDL BDL	BDL BDL	BDL BDL		0.5 1.5
	PROPYL ACETATE	BDL BDL	BDL BDL	0.7 2.9		0.3 1.1
ALCOHOLS		0.7 0.3	0.9 4.3	2.0 9.5		0.3 1.3
						0.4 1.9
ALCOHOLS	FILE NAME	SAR128	SAR131	SAR137		
	BKD. FILE	SAR135	SAR135	SAR135		
	TIME	08:40-09:10	11:11-11:41	13:20-13:50		
	WIND DIR.	SW	SW	S		
	WIND SP.	09	14	22		
	A. TEMP.	27	31	30		
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	METHANOL	6.7 8.8	6.1 8.0	5.3 6.9		PPB ug/m3
	ETHANOL	2.0 3.8	BDL BDL	2.4 4.5		1.6 2.1
	PROPANOL	7.5 18	3.8 9.3	5.8 14		1.8 3.4
ALCOHOLS		BDL BDL	BDL BDL	BDL BDL		2.4 5.9
						1.8 5.5

TAGA RESULTS

SARNIA OXIDANT STUDY 1984

DATE JULY 16 1984

CHEMICAL	1ST SET	2ND SET	3RD SET	4TH SET		
ALDEHYDES	FILE NAME	SAR143	SAR149			
	BKD. FILE	SAR144	SAR144			
	TIME	08:59-09:29	10:58-11:28			
	WIND DIR.	WNW	WNW			
	WIND SP.	26	28			
	A. TEMP.	23	24			
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	PROPANAL	BDL BDL	BDL BDL			PPB ug/m3
	BUTANAL	BDL BDL	BDL BDL			0.3 0.7
	PENTANAL	BDL BDL	BDL BDL			0.4 1.2
KETONES	FILE NAME	SAR141	SAR147			
	BKD. FILE	SAR145	SAR145			
	TIME	07:55-08:25	09:45-10:15			
	WIND DIR.	WNW	WNW			
	WIND SP.	22	28			
	A. TEMP.	21	23			
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	ACETONE	BDL BDL	0.8 1.9			PPB ug/m3
	MEK	BDL BDL	BDL BDL			0.7 1.7
	MPK	BDL BDL	BDL BDL			0.2 0.6
CYCLOHEXANONE	FILE NAME	SAR142	SAR148			
	BKD. FILE	SAR146	SAR146			
	TIME	08:28-08:58	10:19-10:49			
	WIND DIR.	W	WNW			
	WIND SP.	24	27			
	A. TEMP.	22	23			
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	METHYL ACETATE	BDL BDL	BDL BDL			PPB ug/m3
	ETHYL ACETATE	BDL BDL	BDL BDL			0.4 1.2
	PROPYL ACETATE	BDL BDL	BDL BDL			0.2 0.7
ALCOHOLS	FILE NAME	SAR142	SAR148			
	BKD. FILE	SAR146	SAR146			
	TIME	08:28-08:58	10:19-10:49			
	WIND DIR.	W	WNW			
	WIND SP.	24	27			
	A. TEMP.	22	23			
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	METHANOL	BDL BDL	BDL BDL			PPB ug/m3
	ETHANOL	BDL BDL	BDL BDL			1.4 1.8
	PROPANOL	BDL BDL	BDL BDL			2.0 3.8
ALCOHOLS	FILE NAME	SAR142	SAR148			
	BKD. FILE	SAR146	SAR146			
	TIME	08:28-08:58	10:19-10:49			
	WIND DIR.	W	WNW			
	WIND SP.	24	27			
	A. TEMP.	22	23			
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	BUTANOL	BDL BDL	BDL BDL			PPB ug/m3
						1.4 1.8
						2.0 3.8
						4.3 11
						2.2 6.7

TAGA RESULTS

SARNIA OXIDANT STUDY 1984

DATE JULY 17 1984

CHEMICAL	1ST SET	2ND SET	3RD SET	4TH SET		
ALDEHYDES	FILE NAME	SAR152				
	BKD. FILE	SAR153				
	TIME	09:32-10:02				
	WIND DIR.	SSW				
	WIND SP.	21				
	A. TEMP.	23				
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	PROPANAL	BDL BDL				0.3 0.7
	BUTANAL	0.5 1.5				0.3 0.9
	PENTANAL	0.9 3.2				0.6 2.1
KETONES	FILE NAME	SAR150				
	BKD. FILE	SAR154				
	TIME	08:17-08:47				
	WIND DIR.	SSW				
	WIND SP.	18				
	A. TEMP.	21				
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	ACETONE	1.9 4.5				0.3 0.7
	MEK	0.7 2.1				0.1 0.3
	MPK	0.9 3.2				0.1 0.4
CYCLOHEXANONE	BDL BDL					0.1 0.4
	BDL BDL					0.1 0.4
ACETATES	FILE NAME	SAR151				
	BKD. FILE	SAR155				
	TIME	08:48-09:18				
	WIND DIR.	SSW				
	WIND SP.	19				
	A. TEMP.	22				
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	METHYL ACETATE	BDL BDL				0.4 1.2
	ETHYL ACETATE	BDL BDL				0.2 0.7
	PROPYL ACETATE	BDL BDL				0.2 0.8
BUTYL ACETATE	BDL BDL					0.2 0.9
	BDL BDL					
ALCOHOLS	FILE NAME	SAR151				
	BKD. FILE	SAR155				
	TIME	08:48-09:18				
	WIND DIR.	SSW				
	WIND SP.	19				
	A. TEMP.	22				
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET LIM
	METHANOL	2.3 3.0				1.3 1.7
	ETHANOL	BDL BDL				1.4 2.6
	PROPANOL	BDL BDL				2.3 5.6
BUTANOL	BDL BDL					2.1 6.4
	BDL BDL					

TAGA RESULTS

SARNIA OXIDANT STUDY 1984

DATE JULY 18 1984

CHEMICAL		1ST SET	2ND SET	3RD SET	4TH SET		
ALDEHYDES	FILE NAME	_____	_____	_____	_____		
	BKD. FILE	_____	_____	_____	_____		
	TIME	_____	_____	_____	_____		
	WIND DIR.	_____	_____	_____	_____		
	WIND SP.	_____	_____	_____	_____		
	A. TEMP.	_____	_____	_____	_____		
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET	LIM
	PROPANAL	_____	_____	_____	_____	PPB	ug/m3
	BUTANAL	_____	_____	_____	_____	_____	_____
	PENTANAL	_____	_____	_____	_____	_____	_____
KETONES	FILE NAME	SAR156	_____	_____	_____		
	BKD. FILE	SAR159	_____	_____	_____		
	TIME	08:33-09:03	_____	_____	_____		
	WIND DIR.	WNW	_____	_____	_____		
	WIND SP.	23	_____	_____	_____		
	A. TEMP.	17	_____	_____	_____		
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET	LIM
	ACETONE	0.4 0.9	_____	_____	_____	PPB	ug/m3
	MEK	BDL BDL	_____	_____	_____	0.3	0.7
	MPK	BDL BDL	_____	_____	_____	0.1	0.3
CYCLOHEXANONE	BDL BDL	_____	_____	_____	_____	0.1	0.4
	BDL BDL	_____	_____	_____	_____	0.1	0.4
	BDL BDL	_____	_____	_____	_____	0.1	0.4
ACETATES	FILE NAME	SAR157	_____	_____	_____		
	BKD. FILE	SAR160	_____	_____	_____		
	TIME	09:05-09:35	_____	_____	_____		
	WIND DIR.	NW	_____	_____	_____		
	WIND SP.	17	_____	_____	_____		
	A. TEMP.	19	_____	_____	_____		
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET	LIM
	METHYL ACETATE	BDL BDL	_____	_____	_____	PPB	ug/m3
	ETHYL ACETATE	BDL BDL	_____	_____	_____	0.4	1.2
	PROPYL ACETATE	BDL BDL	_____	_____	_____	0.2	0.7
BUTYL ACETATE	BDL BDL	_____	_____	_____	_____	0.2	0.8
	BDL BDL	_____	_____	_____	_____	0.3	1.4
ALCOHOLS	FILE NAME	SAR157	_____	_____	_____		
	BKD. FILE	SAR160	_____	_____	_____		
	TIME	09:05-09:35	_____	_____	_____		
	WIND DIR.	NW	_____	_____	_____		
	WIND SP.	17	_____	_____	_____		
	A. TEMP.	19	_____	_____	_____		
	RESULTS	PPB ug/m3	PPB ug/m3	PPB ug/m3	PPB ug/m3	DET	LIM
	METHANOL	BDL BDL	_____	_____	_____	PPB	ug/m3
	ETHANOL	BDL BDL	_____	_____	_____	2.4	3.1
	PROPANOL	BDL BDL	_____	_____	_____	2.3	4.3
BUTANOL	BDL BDL	_____	_____	_____	_____	4.5	11
	BDL BDL	_____	_____	_____	_____	2.1	6.4



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